

Gervix

SECURITY EQUIPMENT

Gervix

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Gervix is an X-Ray security inspection tool with advanced technology that is able to detect all objects with a high level of security.



Gervix

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CONTENT

X-Ray Security Inspection Equipment	01-50
Body Inspection	51-56
Liquid Inspection	57-60
Desktop Liquid Detector	50 62
Handheld Explosives Trace Detector	63-64
Appreciation Accessories	65-66



Product Instruction

GV-5030A is a practical security equipment which has been widely applied for public security organs and its small tunnel design is specially for small objects' inspection such as parcels, handbags, backpacks and so on.

GV-5030A has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters, integrated monitor and keyboard. GV-5030A also can be operated remotely via customized keyboard line, video cable and USB cable which can up to 5 meters long.





Technology Features 🐽

Sophisticated design with multi-functions operator interface Can increase the conveyor speed to 0.3m/s(Customized) Collection the high-speed parallel of detection data With network interface to achieve total network management Support JPG & BMP image transformation format to USB Shiny clear images High-resolution

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General Specification

Conveyor Speed	Tunnel size	505 mm (W) x 304 mm (H)
Max. Load. 100 kg (Evenly distributed) Resolution. Typical: AWG 40 Standard: AWG 38 Penetration(Steel). ≥6 mm Spatial Resolution. Horizontal: Φ1.0 mm Vertical: Φ1.0 mm	Conveyor Speed	0.2 m/s
Resolution Typical: AWG 40 Standard: AWG 38 Penetration(Steel)	Conveyor Height	730 mm
Penetration(Steel)≥6 mm Spatial Resolution	Max. Load	100 kg (Evenly distributed)
Spatial Resolution Horizontal: Φ1.0 mm Vertical: Φ1.0 mm	Resolution	Typical: AWG 40 Standard: AWG 38
•	Penetration(Steel)	≥6 mm
Image Resolution 19" FD (Single Display)	Spatial Resolution	Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
	Image Resolution	19"LED (Single Display)

Image Processing System

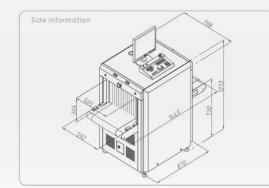
Display	Pseudo-color and Black & White
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pu	back 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray S	ale
Enlargement	Up to 64X dynamic continuous zoom
-	& panning.

X-Ray Generator

IPC Configuration

X-Ray Security

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN) High
	speed standard



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System Function

Alarm Function

Image Navigation

Limits of Authority

• User Management

Urgent Stop

♦ TIP

- Browse
- Fault Self-diagnosis and
 High Density Alarm
- - Luggage Counting

Bi-directional Scanning

Date & Time Display

- Network Interface
 - One-key Shutdown
 - Self-check Power-on

X-Ray Emission Timing

• Extend Protective Cover and

• UPS Uninterruptible Power

Double-layer Lead Curtain In

- Save and Retrieval
- Save As
- Ultra-thin Scanning
- Working Status Display

Management for Operator

• System Working Timing

Image Split Joint

Optional Function

- Double Display
- GV-BB100 Black Box
- Energy Saving
- OTP The Operator
- Training Program
- 0.6m Entry / Exit Flatbed
 Roller Tables

Entry And Exit

Supply

Black Box

Voltage Stabilizer

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data



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NECE - BERKER



01

Anode Volt Beam Direc Cooling & F X-Ray Sens • IPC C Standard Fu Optional Fu



Product Instruction

GV-5030C is a practical security equipment which has been widely applied for public security organs and its small tunnel design is perfect for identification of objects in letters, parcels, handbags, backpacks and so on. GV-5030C has extended protective cover and double-layer lead curtains in both tunnel ends, which can guarantee the operators' and passengers' safety.

GV-5030C has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters, integrated monitor and keyboard. GV-5030C also can be operated remotely via customized keyboard line, video cable and USB cable which can up to 5 meters long.

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TECHNOLOGY

03



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

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General Specification

Tunnel size	505 mm (W) x 304 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	730 mm
Max. Load	100 kg (Evenly distributed)
Resolution	
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
Image Resolution	

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/8192
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

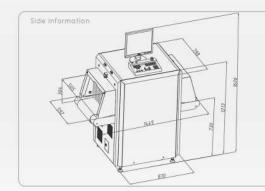
X-Ray Generator

..... 140 KV (adjustable) Anode Voltage... Beam Direction..... From bottom Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

.... Win7; RAM: 2GB; Hard Disk: 500G. Standard Function..... . RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard



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System Function

Alarm Function

• Limits of Authority

User Management

Management

for Operator

Urgent Stop

♦ TIP

- Browse
- Fault Self-diagnosis and High Density Alarm
- Maintenance Functions Image Magnification Display Image Navigation
 - Luggage Counting
 - Network Interface

Bi-directional Scanning

• Date & Time Display

- One-key Shutdown
- Self-check Power-on • System Working Timing
 - Save and Retrieval
 - Save As

Image Split Joint

Energy Saving

Program

- Ultra-thin Scanning
- Working Status Display • X-Ray Emission Timing
- Extend Protective Cover and X-Autosight Doublelayer Lead Curtain In
- Entry and Exit

Optional Function

- Double Display
- GV-BB100 Black Box
- Voltage Stabilizer
- 0.6m Entry / Exit Flatbed **Roller Tables**
- UPS Uninterruptible Power Supply

• OTP The Operator Training

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

Size Working Temp./Humidity.....0°C~+ 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.41 (KVA)

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PRODUCT

X-Ray Security



Product Instruction

GV-5536 is a practical security equipment which has been widely applied for public security organs and its medium tunnel design is specially for objects inspection such as backpacks cabin baggage, parcels and so on.

GV-5536 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters, integrated monitor and keyboard, GV-5536 also can be operated remotely via customized keyboard line, video cable and USB cable which can up to 5 meters long.





Technology Features

3

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Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

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Tunnel size	555 mm (W) x 360 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	730 mm
Max. Load	100 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 38
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.0 mm Vertical: Φ1.0 m
Image Resolution	19"LED (Single Display)

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull ba	ack 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

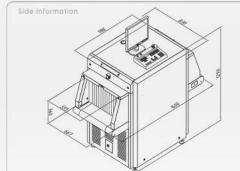
...... 140 KV (adjustable) Anode Voltage... Beam Direction..... From bottom Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

. RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

X-Ray Security

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard

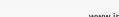


Turmer 3126	333 mm (w) x 300 mm (m)
Conveyor Speed	0.2 m/s
Conveyor Height	730 mm
Max. Load	100 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 38
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
Image Resolution	19"LED (Single Display)

Display B	Black / White, Color
Processing FunctionF	1/F2/F3 self-definition combination,
	edge enhancement, negative, partial enhancement, gray scale scan.
Saves Capacity & Pull back 1	00,000 images / infinite review (the
р	previous pictures)
Resolution1	440 × 900
Processing & Gray Scale 2	24Bit real-time processing/65536
EnlargementU	Jp to 64X dynamic continuous zoom
8	& panning.

.... Win7: RAM: 2GB: Hard Disk: 500G. Standard Function.....

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard



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System Function

 Alarm Function Browse

• Limits of Authority

User Management

Management

for Operator

Urgent Stop

♦ TIP

- Fault Self-diagnosis and High Density Alarm
- Maintenance Functions Image Magnification Display Image Navigation
 - Luggage Counting
 - Network Interface

Bi-directional Scanning

• Date & Time Display

- One-key Shutdown
- Self-check Power-on • System Working Timing
 - Save and Retrieval
 - Save As

Image Split Joint

Energy Saving

Program

- Ultra-thin Scanning • X-Ray Emission Timing
- Working Status Display • Extend Protective Cover and X-Autosight
- Doublelayer Lead Curtain In
- Entry and Exit

Optional Function

- Double Display
- GV-BB100 Black Box
- Voltage Stabilizer
- 0.6m Entry / Exit Flatbed **Roller Tables**
- UPS Uninterruptible Power Supply

• OTP The Operator Training

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

Size Working Temp./Humidity.....0°C~+ 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.41 (KVA)

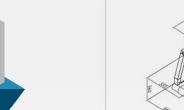
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Product Instruction

GV-V6040 is a practical x-ray security equipment which has been widely applied for public security organs and its medium tunnel design is specially for scanning parcels, backpacks, hand luggage, cabin baggage and so on.

GV-V6040 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters. GV-V6040 is an ideal model for baggage scanning because of its reasonable design and various image-processing functions.

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Technology Features

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Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

Gervix

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General Specification

Tunnel size	624 mm (W) x 425 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	678 mm
Max. Load	160 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 38
Penetration(Steel)	Typical: 34 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
Image Resolution	

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull bac	k 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

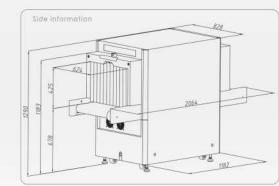
Anode Voltage 160 KV (adjustable) Beam Direction..... From bottom Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

.... Win7: RAM: 2GB: Hard Disk: 500G. Standard Function..... . RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

X-Ray Security

Leakage	. < 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard



System Function

Alarm Function

Limits of Authority

• User Management

Urgent Stop

♦ TIP

- Browse
- Fault Self-diagnosis and
- Maintenance Functions Image Navigation
 - Luggage Counting Network Interface
 - One-key Shutdown

Bi-directional Scanning

Image Magnification Display

Date & Time Display

High Density Alarm

- Management for Operator • System Working Timing Self-check Power-on
 - Save and Retrieval
 - Save As
 - Ultra-thin Scanning

Image Split Joint

Energy Saving

Program

• X-Ray Emission Timing

- Working Status Display • Extend Protective Cover and X-Autosight
- Doublelayer Lead Curtain In Entry and Exit

Optional Function

- Double Display
- GV-BB100 Black Box
- Voltage Stabilizer
- 0.6m Entry Flatbed Roller Tables, 1.2m Exit Skateboard
- UPS Uninterruptible Power Supply

• OTP The Operator Training

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

....2064mm(L)x828mm(W)x1290mm(H) Size **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.42 (KVA)

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DUAL VIEW

X-Rau Security Inspection Equipment

Product Instruction

GV-V6040 is a practical x-ray security equipment which has been widely applied for public security organs and its medium tunnel design is specially for scanning parcels, backpacks, hand luggage, cabin baggage and so on.

GV-V6040 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters. GV-V6040 is an ideal model for baggage scanning because of its reasonable design and various image-processing functions.



TYPE



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

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0.2 m/s
678 mm
160 kg (Evenly distributed)
AWG 38(from bottom) AWG 40(from side)
27 mm (from bottom) 32 mm (from side)
Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
19"LED (Single Display)

Image Processing System

Black / White, Color
F1/F2/F3 self-definition combination,
edge enhancement, negative, partial
enhancement, gray scale scan.
100,000 images / infinite review (the
previous pictures)
1440 × 900
24Bit real-time processing/65536
Up to 64X dynamic continuous zoom
& panning.

X-Ray Generator

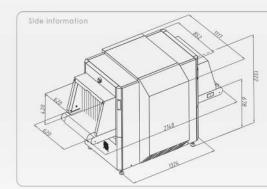
Anode Voltage...... 160 KV (adjustable) Beam Direction...... From bottom & From side Cooling & Running Cycle...... Sealed oil cooling & 100% X-Ray Sensor..... Multi-energy L photoelectric diode array detector

IPC Configuration

Standard Function	Win7; RAM: 2GB; Hard Disk: 500G.
	Video Card: 2G;
Optional Function	RAM: 4G, 8G, 16G;
	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
X-Ray Security	

Leakage	< 2µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)

High speed standard



Management for Operator • System Working Timing ♦ TIP

System Function

Fault Self-diagnosis and

Maintenance Functions

Alarm Function

Image Navigation

• Limits of Authority

Browse

- User Management
- Urgent Stop
- Working Status Display • Extend Protective Cover and
- Doublelayer Lead Curtain In Entry and Exit

Optional Function

- GV-BB100 Black Box
- Voltage Stabilizer
- Energy Saving • OTP The Operator Training
- 0.6m Entry Flatbed Roller Tables, 1.2m Exit Skateboard • UPS Uninterruptible Power
- Program

Bi-directional Scanning

Image Magnification Display

Date & Time Display

High Density Alarm

Luggage Counting

Network Interface

One-key Shutdown

• Save and Retrieval

• Ultra-thin Scanning

• X-Ray Emission Timing

Save As

X-Autosight

Image Split Joint

Self-check Power-on

Supply

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

Size Weight......700 KG **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.49 (KVA)

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Product Instruction

GV-6550 is a practical medium tunnel design x-ray security equipment for objects' inspection such as backpacks, hand luggage, carry-on baggage, checked baggage and so on. GV-6550 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters.

GV-6550 is an ideal model for baggage scanning because of its reasonable design and various image-processing functions.

ADVANCED

TECHNOLOGY





Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

A .



Tunnel size	650 mm (W) x 515 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	687 mm
Max. Load	160 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 38
Penetration(Steel)	Typical: 34 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
Image Resolution	19"LED (Single Display)

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull ba	ck 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale.	
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

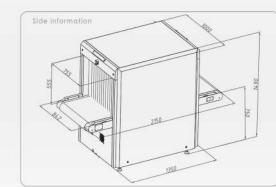
Anode Voltage..... 160 KV (adjustable) Beam Direction..... From bottom Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

.... Win7: RAM: 2GB: Hard Disk: 500G. Standard Function..... . RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

X-Ray Security

Leakage	. < 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	. According to the ISO1600 (33DIN)
	High speed standard



Alarm Function

System Function

Browse

• User Management

Urgent Stop

X-Autosight

♦ TIP

- Fault Self-diagnosis and
- Maintenance Functions Image Magnification Display Image Navigation
 - Luggage Counting

Bi-directional Scanning

• Date & Time Display

High Density Alarm

- Limits of Authority Network Interface
- Management for Operator One-key Shutdown System Working Timing
 - Self-check Power-on
 - Save and Retrieval Save As
 - Ultra-thin Scanning

Entry And Exit

Supply

• Extend Protective Cover and

• UPS Uninterruptible Power

Double-layer Lead Curtain In

- Working Status Display • X-Ray Emission Timing
 - - Image Split Joint

Optional Function

- Double Display
- GV-BB100 Black Box
- Energy Saving
- OTP The Operator Training
- Program
- Voltage Stabilizer • 0.6m Entry Flatbed RollerTables,
- LED Screen Display 1.2m Exit Skateboard
- Voice Announcement Function
 Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

....2038mm(L)x907mm(W)x1375mm(H) Size **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.43 (KVA)

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Gervix

HIGH QUALITY

PRODUCT



DUAL VIEW

X-Rou Security Inspection Equipment

Product Instruction

GV-V6040DV is a medium tunnel x-ray security equipment with advanced dual view technology, which is perfectly suitable for scanning objects such as backpacks, hand luggage, cabin baggage and personal belongs.

GV-V6040DV can display horizontal and vertical images by two independent generators, therefore operators can identify overlapping objects and detect out dangerous, illegal objects, contraband easily and precisely.

TYPE **GV-6550DV**



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

Gervix



Conveyor Speed 0.2	2 m/s
Conveyor Height	7 mm
Max. Load	0 kg (Evenly distributed)
Resolution AV	VG 38(from bottom) AWG 40(from side)
Penetration(Steel)27	mm (from bottom) 30 mm (from side)
Spatial Res. (From Bottom) Ho	rizontal: Φ1.3 mm Vertical: Φ1.3 mm
(From Side) Ho	rizontal: Φ1.3 mm Vertical: Φ1.3 mm
Image Resolution 19	"LED (Single Display)

Image Processing System

F1/F2/F3 self-definition combination, edge enhancement, negative, partial
0 1
and a second second second second
enhancement, gray scale scan.
100,000 images / infinite review (the
previous pictures)
1440 × 900
24Bit real-time processing/65536
Up to 64X dynamic continuous zoom
& panning.

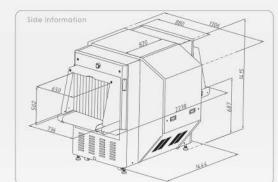
X-Ray Generator

Anode Voltage...... 160 KV (adjustable) Beam Direction...... From bottom & From side Cooling & Running Cycle...... Sealed oil cooling & 100% X-Ray Sensor.... .. Multi-energy L photoelectric diode array detector

IPC Configuration

Standard Function	Win7; RAM: 2GB; Hard Disk: 5000
	Video Card: 2G;
Optional Function	RAM: 4G, 8G, 16G;
	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
X-Ray Security	

•	< 2µGy/h (5cm distance from outer),
	According to the national and international Safety standard
	According to the ISO1600 (33DIN)
	High speed standard



Tunnel size	650 mm (W) x 502 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	687 mm
Max. Load	160 kg (Evenly distributed)
Resolution	AWG 38(from bottom) AWG 40(from sid
Penetration(Steel)	27 mm (from bottom) 30 mm (from side)
Spatial Res. (From Bottom)	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
(From Side)	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
Image Resolution	19"LED (Single Display)
-	

Standard Function	Win7; RAM: 2GB; Hard Disk: 500G.
	Video Card: 2G;
Optional Function	. RAM: 4G, 8G, 16G;
	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
X-Ray Security	

-Ray Security	
eakage	< 2µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
ilm Safety	According to the ISO1600 (33DIN)

System Function

Alarm Function

Limits of Authority

♦ TIP

- Browse Fault Self-diagnosis and
- Maintenance Functions
- Image Navigation
 - Luggage Counting Network Interface
- Management for Operator One-key Shutdown

Save As

X-Autosight

Image Split Joint

Bi-directional Scanning

Image Magnification Display

Date & Time Display

High Density Alarm

• Ultra-thin Scanning

• X-Ray Emission Timing

- System Working Timing Self-check Power-on • Save and Retrieval
- User Management
- Urgent Stop • Working Status Display
- Extend Protective Cover and
- Doublelayer Lead Curtain In Entry and Exit

Optional Function

- GV-BB100 Black Box Energy Saving
- Voltage Stabilizer
- 0.6m Entry Flatbed Roller
 - Tables, 1.2m Exit Skateboard • UPS (Uninterruptible Power
- 0.2m/s, 0.3m/s (Two steps Supply)

Program

- LED Screen Display

Black Box

adjustable)

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

Size	2238mm(L)x1306mm(W)x1415mm(H)
Neight	800 KG
Norking Temp./Humidity	0°C~ + 45°C/10%~95% (non-condensing)
Storage Temp./Humidity	40°C~+ 60°C/10%~95%(non-condensing)
Power Supply	AC 220 V(+10%~-15%) 50±3 (Hz)
Power consumption	About 0.50 (KVA)
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• OTP The Operator Training

Voice Recording Function



HIGH THROUGHPUT X-Rou Security Inspection Equipment

Product Instruction

GV-6550G is a practical medium tunnel x-ray security equipment for objects' inspection such as cabin baggage, backpack, parcel and so on.

GV-6550G can improve security check efficiency more than 1.5 times while maintaining image quality, through its adjustable conveyor speed (0.2 or 0.3 m/s) and proprietary image display technology.

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TYPE GV-6550G



Technology Features

Sophisticated design with multi-functions operator interface + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

General Specification

Tunnel size. 650 mm (W) x 502 mm (H) Conveyor Speed. . 0.2 m/S, 0.3 m/s (Two steps adjustable) Convevor Height..... . 687 mm Max. Load.. 160 kg (Evenly distributed) Resolution ... Typical: AWG 40 Standard: AWG 38 Penetration(Steel)... . Typical: 34 mm Standard: 30 mm Horizontal: Φ1.0 mm Vertical: Φ1.0 mm Spatial Resolution.. . 19"LED (Single Display) Image Resolution ...

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

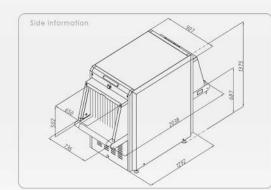
Anode Voltage 160 KV (adjustable) Beam Direction..... From bottom Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor.... array detector

IPC Configuration

Standard Function	. Win7; RAM: 2GB; Hard Disk: 500G.
	Video Card: 2G;
Optional Function	. RAM: 4G, 8G, 16G;
-	Hard Disk: 1T, 2T;
	Video Card: 2G, 4G, 8G;
V Pay Security	

X-Ray Security

Leakage < 1µGy/h (5cn	n distance from outer),
According to t	he national and
international S	Safety standard
Film Safety According to t	he ISO1600 (33DIN)
High speed st	andard



• OTP The Operator Training Program Voltage Stabilizer Voice Announcement Function Voice Recording Function

Black Box

System Function

• Fault Self-diagnosis and

Maintenance Functions

Management for Operator

• System Working Timing

• Working Status Display

• Extend Protective Cover and

Optional Function

• Alarm Function

Image Navigation

• Limits of Authority

• User Management

Entry And Exit

Energy Saving

Urgent Stop

• Browse

♦ TIP

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.

Bi-directional Scanning

Image Magnification Display

Date & Time Display

High Density Alarm

Luggage Counting

Network Interface

One-key Shutdown

• Save and Retrieval

• Ultra-thin Scanning

EI-BB100 Black Box

Supply

UPS Uninterruptible Power

• 0.6m Entry Flatbed Roller

Tables.1.2m Exit Skateboard

• X-Ray Emission Timing

Save As

X-Autosight

Self-check Power-on



Installation Data

...2038mm(L)x907mm(W)x1375mm(H) Size **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.46 (KVA)



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Product Instruction

GV-7555 is a practical medium tunnel design x-ray security equipment for objects' inspection such as backpacks, hand luggage carry-on baggage, checked baggage and so on GV-7555 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters.

GV-7555 is an ideal model for baggage scanning because of its reasonable design and various image-processing functions

TECHNOLOGY





Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

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Tunnel size	755 mm (W) x 555 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	750 mm
Max. Load	160 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 38
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.0 mm Vertical: Φ1.0 mr
Image Resolution	19"LED (Single Display)

Display	Black / White, Color
Processing Function	
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull ba	ack 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

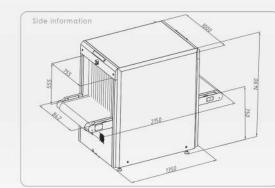
Anode Voltage..... 160 KV (adjustable) Beam Direction..... From bottom Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

Standard Function..... . RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

X-Ray Security

. < 2µGy/h (5cm distance from outer),
According to the national and
international Safety standard
According to the ISO1600 (33DIN)
High speed standard



Conveyor Speed	0.2 m/s
Conveyor Height	750 mm
Max. Load	160 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 38
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
Image Resolution	19"LED (Single Display)

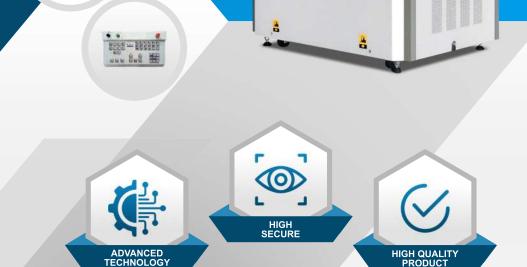
Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

.... Win7: RAM: 2GB: Hard Disk: 500G.



Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.45 (KVA)



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System Function

Alarm Function

Image Navigation

Limits of Authority

• User Management

Urgent Stop

X-Autosight

♦ TIP

- Browse
- Fault Self-diagnosis and High Density Alarm
- Maintenance Functions Image Magnification Display
 - Luggage Counting

Bi-directional Scanning

• Date & Time Display

- Network Interface
- Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on Save and Retrieval
 - Save As
 - Ultra-thin Scanning

Entry And Exit

Supply

• Extend Protective Cover and

• UPS Uninterruptible Power

Double-layer Lead Curtain In

- Working Status Display • X-Ray Emission Timing
 - Image Split Joint
- Optional Function
- Double Display
- GV-BB100 Black Box
- Energy Saving
- OTP The Operator Training
- Program
- Voltage Stabilizer • 0.6m Entry Flatbed RollerTables, LED Screen Display
- 1.2m Exit Skateboard Voice Announcement Function
 Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



.....2150mm(L)x1000mm(W)x1490mm(H)

(18



Product Instruction

GV-8065 is a practical large tunnel design x-ray security equipment which is perfectly suitable for scanning bulky objects, oversize luggage, freights and so on. GV-8065 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters.

GV-8065 is an ideal model for baggage scanning because of its reasonable design and various image-processing functions.

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TYPE GV-8065



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

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Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull ba	ack 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

Horizontal: Φ1.0 mm Vertical: Φ1.3 mm

19"LED (Single Display)

X-Ray Generator

Spatial Resolution..

Image Resolution...

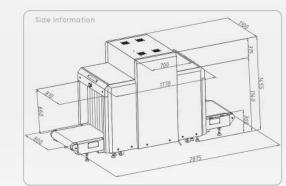
Anode Voltage 160 KV (adjustable) Beam Direction..... From top Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... arrav detector

IPC Configuration

.... Win7: RAM: 2GB: Hard Disk: 500G. Standard Function...... . RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T: Video Card: 2G, 4G, 8G;

X-Ray Security

. < 1µGy/h (5cm distance from outer),
According to the national and
international Safety standard
. According to the ISO1600 (33DIN)
High speed standard



System Function

♦ TIP

- Alarm Function
- Browse
- Fault Self-diagnosis and High Density Alarm
- Maintenance Functions Image Magnification Display Image Navigation
 - Luggage Counting

Single-directional Scanning

• Date & Time Display

- Limits of Authority Network Interface
- Management for Operator One-key Shutdown System Working Timing
 - Self-check Power-on
 - Save and Retrieval Save As

X-Autosight

- Ultra-thin Scanning
- Working Status Display • X-Ray Emission Timing
- Outlet Skateboard
- Image Split Joint

• User Management

Urgent Stop

Program

Optional Function

- Bi-directional Scanning Double Display
- GV-BB100 Black Box Energy Saving
- OTP The Operator Training
 - UPS (Uninterruptible Power Supply)

LED Screen Display

- Voltage Stabilizer
- Voice Announcement Function
 Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

...2875mm(L)x1100mm(W)x1455mm(H) Size **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.45 (KVA)

20





Product Instruction

GV-10080 is a practical large tunnel design x-ray security equipment which is perfectly suitable for scanning bulky objects, oversize luggage, freights and so on. GV-10080 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters.

GV-10080 is an ideal model for baggage scanning because of its reasonable design and various image-processing functions.





Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

General Specification

Tunnel size	1023 mm (W) x 822 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	300 mm
Max. Load	200 kg (Evenly distributed)
Resolution	
Penetration(Steel)	
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.6 m
Image Resolution	19"LED (Single Display)

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull ba	ack 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

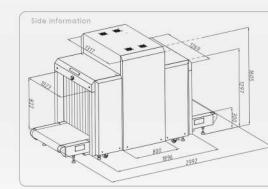
Anode Voltage...... 160 KV (adjustable) Beam Direction..... From top Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

. RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

X-Ray Security

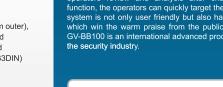
Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard



Display B	Black / White, Color
Processing Function F	1/F2/F3 self-definition combination,
е	dge enhancement, negative, partial
e	enhancement, gray scale scan.
Saves Capacity & Pull back 1	00,000 images / infinite review (the
р	previous pictures)
Resolution1	440 × 900
Processing & Gray Scale 2	4Bit real-time processing/65536
EnlargementU	Jp to 64X dynamic continuous zoom
8	k panning.

.... Win7: RAM: 2GB: Hard Disk: 500G. Standard Function......

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard





Installation Data

...2992mm(L)x1317mm(W)x1605mm(H) Size **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.47 (KVA)

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- Alarm Function
- Browse Fault Self-diagnosis and

♦ TIP

- Maintenance Functions
- Image Magnification Display Image Navigation
 - Luggage Counting Network Interface

Single-directional Scanning

• Date & Time Display

High Density Alarm

- Limits of Authority Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on
 - Save and Retrieval
 - Save As
 - Ultra-thin Scanning
- Working Status Display • X-Ray Emission Timing X-Autosight
- Outlet Skateboard
- Image Split Joint

• User Management

Urgent Stop

Optional Function

Double Display

Supply)

• UPS (Uninterruptible Power

LED Screen Display

- Bi-directional Scanning GV-BB100 Black Box Energy Saving
- OTP The Operator Training
- Program
- Voltage Stabilizer
- Voice Announcement Function
 Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in



Product Instruction

GV-V10080 is a practical large tunnel design x-ray security equipment which has been widely applied for large-sized luggage inspection like cabin baggage, oversize luggage, bulky objects and so on.

GV-V10080 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters. GV-V10080 is an ideal model for baggage scanning because of its reasonable design and various image-processing functions.

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TYPE GV-V10080



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

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Conveyor Speed	0.2 m/s
Conveyor Height	691 mm
Max. Load	200 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 36
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.6 mm
Image Resolution	19"LED (Single Display)

Image Processing System

Display		Black / White, Color
Processing Function		F1/F2/F3 self-definition combination,
		edge enhancement, negative, partial
		enhancement, gray scale scan.
Saves Capacity & Pull	back	100,000 images / infinite review (the
		previous pictures)
Resolution		1440 × 900
Processing & Gray Sca	le	24Bit real-time processing/8192
Enlargement		Up to 64X dynamic continuous zoom
		& panning.

X-Ray Generator

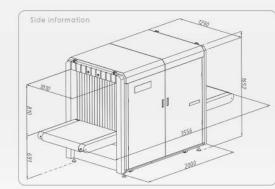
Anode Voltage 160 KV (adjustable) Beam Direction..... From bottom Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

. RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

X-Ray Security

. < 1µGy/h (5cm distance from outer),
According to the national and
international Safety standard
. According to the ISO1600 (33DIN)
High speed standard



Display	. Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	. 1440 × 900
Processing & Gray Scale	24Bit real-time processing/8192
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

.... Win7: RAM: 2GB: Hard Disk: 500G. Standard Function.....



♦ TIP

Fault Self-diagnosis and

Limits of Authority

• User Management

Urgent Stop

X-Autosight

System Function

- Maintenance Functions
- Image Magnification Display • Luggage Counting Image Navigation
 - Network Interface

Single-directional Scanning

• Date & Time Display

High Density Alarm

- Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on
 - Save and Retrieval
 - Save As

Power Supply)

Function

Voice Announcement

- Ultra-thin Scanning • X-Ray Emission Timing
- Working Status Display
 - Image Split Joint

Optional Function

- Bi-directional Scanning Double Display
 - Energy Saving
- GV-BB100 Black Box • OTP The Operator Training • UPS (Uninterruptible
- Program
- Voltage Stabilizer
- Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

...3556mm(L)x1290mm(W)x1652mm(H) Size Weight......900 KG **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.47 (KVA)

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DUAL VIEW

X-Rau Security Inspection Equipment

Product Instruction

GV-10080DV is a practical large tunnel design x-ray security equipment with advanced dual view technology and perfectly suitable for scanning bulky objects, oversize luggage, freights and so on.

GV-10080DV can display horizontal and vertical images by two independent generators, therefore operators can identify overlapping objects and detect out dangerous, illegal objects, contraband easily and precisely.

25

TYPE GV-10080DV



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +



Conveyor Speed	0.2 m/s
Conveyor Height	300 mm
Max. Load	200 kg (Evenly distributed)
Resolution	AWG 36 (from top) AWG 38 (from side)
Penetration(Steel)	30 mm (from top) 32 mm (from side)
Spatial Res. (From Bottom)	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
(From Side)	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
Image Resolution	19"LED (Single Display)

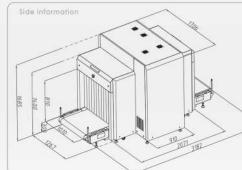
Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination, edge enhancement, negative, partial enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the previous pictures)
Resolution	1440 × 900
u	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom & panning.

Anode Voltage...... 160 KV (adjustable) Beam Direction..... From bottom & From side Cooling & Running Cycle...... Sealed oil cooling & 100% X-Ray Sensor Multi-energy L photoelectric diode array detector

IPC Configuration

Standard Function	Win7; RAM: 2GB; Hard Disk: 5000
	Video Card: 2G;
Optional Function	RAM: 4G, 8G, 16G;
	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
V Pay Security	

...... < 2µGy/h (5cm distance from outer), Leakage..... According to the national and international Safety standard Film Safety According to the ISO1600 (33DIN)



lunnel size	1010 mm (W) x 810 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	300 mm
Max. Load	200 kg (Evenly distributed)
Resolution	AWG 36 (from top) AWG 38 (from side)
Penetration(Steel)	30 mm (from top) 32 mm (from side)
Spatial Res. (From Bottom)	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
(From Side)	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
Image Resolution	19"LED (Single Display)

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

Standard Function	Win7; RAM: 2GB; Hard Disk: 500G.
	Video Card: 2G;
Optional Function	. RAM: 4G, 8G, 16G;
	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
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X-Ray Security

High speed standard



Working Temp./Humidity....0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.54 (KVA)



Gervix

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Single-directional Scanning

Date & Time Display

High Density Alarm

Image Magnification

Luggage Counting

Network Interface

One-key Shutdown

Save and Retrieval

• Ultra-thin Scanning

• X-Ray Emission Timing

Self-check Power-on

Display

Save As

X-Autosight

- Bi-directional Scanning Energy Saving • UPS (Uninterruptible Power Supply)
- GV-BB100 Black Box

Optional Function

- OTP The Operator Training
- Program

System Function

Fault Self-diagnosis and

Maintenance Functions

Managementfor Operator

• System Working Timing

Working Status Display

Alarm Function

Image Navigation

Limits of Authority

• User Management

Outlet Skateboard

Image Split Joint

Urgent Stop

Browse

♦ TIP

- Voltage Stabilizer Voice Announcement
- 0.2m/s, 0.4m/s (Two steps adjustable) Voice Recording Function

LED Screen Display

Black Box

Function

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



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HIGH THROUGHPUT X-ROU Security Inspection Equipment

Product Instruction

GV-10080G is a practical large tunnel design x-ray security equipment for large size luggage inspection such as bulky objects, oversize luggage, freights and so

GV-10080G can increase the security check efficiency to 2 times while maintaining image quality, through its adjustable conveyor speed (0.2 or 0.4 m/s) and

TYPE GV-10080G



Technology Features

Sophisticated design with multi-functions operator interface + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

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General Specification

Tunnel size	1023 mm (W) x 822 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	300 mm
Max. Load	200 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 36
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.6 mm
Image Resolution	19"LED (Single Display)

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull	back 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Sc	ale
Enlargement	Up to 64X dynamic continuous zoom
-	& panning.

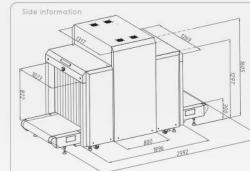
X-Ray Generator

Anode Voltage...... 160 KV (adjustable) Beam Direction..... From top Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

..... Win7: RAM: 2GB: Hard Disk: 500G. Standard Function...... . RAM: 4G, 8G, 16G; Optional Function...... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard



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System Function

- Alarm Function
- Browse

Limits of Authority

• User Management

Urgent Stop

♦ TIP

- Fault Self-diagnosis and High Density Alarm
- Maintenance Functions Image Magnification Display Image Navigation
 - Luggage Counting

Single-directional Scanning

• Date & Time Display

- Network Interface
- Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on
 - Save and Retrieval Save As
 - Ultra-thin Scanning
 - X-Ray Emission Timing
- Working Status Display Outlet Skateboard X-Autosight
- Image Split Joint

Optional Function

- Bi-directional Scanning Double Display
 - - UPS (Uninterruptible Power Supply)

Energy Saving

LED Screen Display

- Voltage Stabilizer
- Voice Announcement Function
 Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

...2992mm(L)x1317mm(W)x1605mm(H) Size **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.50 (KVA)

28

proprietary image display technology.

1901

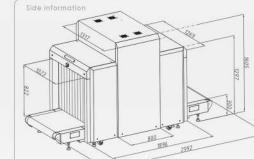


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X-Ray Securit	y
Leakage	< 1µGy/h (5cm distance from out According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN
	High speed standard







Product Instruction

GV-100100 is a practical large tunnel design x-ray security equipment which has been widely applied for railways, highways, logistics and other cargo security inspection.

GV-100100 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters. GV-100100 is an ideal model for large size luggage scanning because of its advanced image processing platform and strong image transformation functions

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TYPE GV-100100



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

General Specification

Tunnel size	1020 mm (W) x 1020 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	300 mm
Max. Load	
Resolution	
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.6 m
Image Resolution	19"LED (Single Display)

Image Processing System

Black / White, Color
F1/F2/F3 self-definition combination,
edge enhancement, negative, partial
enhancement, gray scale scan.
I back 100,000 images / infinite review (the
previous pictures)
1440 × 900
ale
Up to 64X dynamic continuous zoom
& panning.

X-Ray Generator

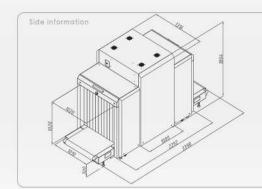
Beam Direction..... From top Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

. RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

X-Ray Security

Leakage	. < 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	. According to the ISO1600 (33DIN)
	High speed standard



Conveyor Speed	0.2 m/s
Conveyor Height	300 mm
Max. Load	200 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 36
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.6 mm
Image Resolution	19"LED (Single Display)

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

Anode Voltage...... 160 KV (adjustable)

.... Win7; RAM: 2GB; Hard Disk: 500G. Standard Function......

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard



Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.48 (KVA)

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	HIGH	8
	SECURE	
ADVANCED TECHNOLOGY		HIGH QUALITY PRODUCT

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Double Display Energy Saving • UPS (Uninterruptible Power

LED Screen Display

Supply)

Single-directional Scanning

Image Magnification Display

• Date & Time Display

High Density Alarm

Luggage Counting

Network Interface

One-key Shutdown

Self-check Power-on

Save and Retrieval

Ultra-thin Scanning

• X-Ray Emission Timing

Save As

X-Autosight

- Program Voltage Stabilizer

• OTP The Operator Training

Optional Function

Bi-directional Scanning

GV-BB100 Black Box

System Function

Fault Self-diagnosis and

Maintenance Functions

Management for Operator

System Working Timing

Working Status Display

Alarm Function

Image Navigation

Limits of Authority

• User Management

Outlet Skateboard

Image Split Joint

Urgent Stop

Browse

♦ TIP

Voice Announcement Function
 Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

Size





DUAL VIEW

X-Rau Security Inspection Equipment

Product Instruction

GV-100100DV is a practical large tunnel x-ray security equipment with dual view which is ideally suitable for large size luggage inspection like oversized checked baggage, bulky objects and so on.

GV-100100DV can display horizontal and vertical images by two independent generators, therefore operators can identify overlapping objects and detect out dangerous, illegal objects, contraband easily and precisely.

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ADVANCED

TECHNOLOGY

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HIGH SECURE

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TYPE GV-100100D



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +



Tunnel size	1020 mm (W) x 1025 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	300 mm
Max. Load	200 kg (Evenly distributed)
Resolution	AWG 36 (from top) AWG 38 (from side)
Penetration(Steel)	30 mm (from top) 32 mm (from side)
Spatial Res. (From Bottom)	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
(From Side)	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
Image Resolution	19"LED (Single Display)

Image Processing System

Display	Black / White, Color
	F1/F2/F3 self-definition combination, edge enhancement, negative, partial
Saves Capacity & Pull back	enhancement, gray scale scan. 100,000 images / infinite review (the previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/65536
-	Up to 64X dynamic continuous zoom & panning.

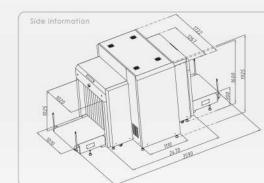
X-Ray Generator

Anode Voltage...... 160 KV (adjustable) Beam Direction...... From bottom & From side Cooling & Running Cycle...... Sealed oil cooling & 100% X-Ray Sensor..... ... Multi-energy L photoelectric diode array detector

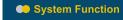
IPC Configuration

Standard Function	Win7; RAM: 2GB; Hard Disk: 500G.
	Video Card: 2G;
Optional Function	. RAM: 4G, 8G, 16G;
	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
V Dev Ceervity	

Leakage	< 2µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
•	High speed standard



X-Ray Security



- Alarm Function
- Browse Fault Self-diagnosis and
- High Density Alarm Image Magnification Maintenance Functions
- Image Navigation
- Limits of Authority
- Managementfor Operator
- System Working Timing ♦ TIP
 - Self-check Power-on
- Save and Retrieval • User Management Save As
- Urgent Stop Working Status Display
- Outlet Skateboard
- Image Split Joint
- X-Autosight

Supply) LED Screen Display

Single-directional Scanning

Date & Time Display

Luggage Counting

Network Interface

One-key Shutdown

• Ultra-thin Scanning

• X-Ray Emission Timing

Display

Optional Function

- Bi-directional Scanning Energy Saving
- GV-BB100 Black Box
- OTP The Operator Training
- Program
- Voltage Stabilizer
- Voice Announcement Function
- 0.2m/s, 0.4m/s (Two steps adjustable) Voice Recording Function

• UPS (Uninterruptible Power

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data



32

HIGH QUALITY PRODUCT



HIGH THROUGHPUT X-Rou Security Inspection Equipment

Product Instruction

GV-100100G is a practical large tunnel design x-ray security equipment for large size luggage inspection such as bulky objects, oversize luggage, freights and so on.

GV-100100G can increase the security check efficiency to 2 times while maintaining image quality, through its adjustable conveyor speed (0.2 or 0.4 m/s) and proprietary image display technology.

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ADVANCED

TECHNOLOGY

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Technology Features

Sophisticated design with multi-functions operator interface + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +



General Specification

Tunnel size. 1020 mm (W) x 1020 mm (H) Conveyor Speed. . 0.2 m/s, 0.4 m/s (Two steps adjustable) Convevor Height... 300 mm Max. Load.. 200 kg (Evenly distributed) Resolution... Typical: AWG 40 Standard: AWG 36 Penetration(Steel). Typical: 32 mm Standard: 30 mm Horizontal: Φ1.3 mm Vertical: Φ1.6 mm Spatial Resolution.. . 19"LED (Single Display) Image Resolution ...

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull bad	ck 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

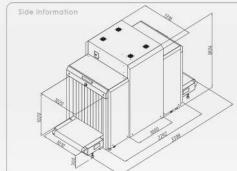
Anode Voltage...... 160 KV (adjustable) Beam Direction..... From top Cooling & Running Cycle...... Sealed oil cooling & 100% X-Ray Sensor..... Single-energy L photoelectric diode array detector

IPC Configuration

Standard Function	Win7; RAM: 2GB; Hard Disk: 500G.
	Video Card: 2G;
Optional Function	RAM: 4G, 8G, 16G;
-	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
V Pay Security	

X-Ray Security

. < 2µGy
. < 1µGy/h (5cm distance from outer),
According to the national and
international Safety standard
. According to the ISO1600 (33DIN)
High speed standard



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System Function

- Alarm Function
- Browse

Limits of Authority

• User Management

Urgent Stop

♦ TIP

- Fault Self-diagnosis and High Density Alarm
- Maintenance Functions Image Magnification Display Image Navigation
 - Luggage Counting

Single-directional Scanning

• Date & Time Display

- Network Interface
- Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on
 - Save and Retrieval
 - Save As
 - Ultra-thin Scanning • X-Ray Emission Timing
- Working Status Display X-Autosight
- Outlet Skateboard
- Image Split Joint

Optional Function

- Bi-directional Scanning Double Display
- GV-BB100 Black Box Energy Saving
- OTP The Operator Training
 - UPS (Uninterruptible Power Supply)
- Program LED Screen Display Voltage Stabilizer
- Voice Announcement Function
 Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

....3398mm(L)x1316mm(W)x1804mm(H) Size **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.50 (KVA)

34

HIGH QUALITY PRODUCT







Product Instruction

GV-V100100 is a practical large tunnel design x-ray security equipment which has been widely applied for customs, railways, highways, logistics and other cargo security inspection. GV-V100100 has high mobility (and could be easily move to any locations which need thesecurity inspection) through rolling casters.

GV-V100100 is an ideal model for large size luggage scanning because of its advanced image processing platform and various image processing functions.

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TYPE GV-V100100



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

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Gervix



Conveyor Speed 0.2 m/s

Image Processing System

Display	Black / White, Color
Processing Function	
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull b	back 100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scal	e 24Bit real-time processing/8192
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

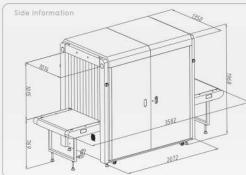
Anode Voltage...... 160 KV (adjustable) From bottom Multi-energy L photoelectric diode array detector

IPC Configuration

. RAM: 4G, 8G, 16G; Optional Function..... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

X-Ray Security

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard



Conveyor Height	774 mm
Max. Load	200 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 36
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.6 mm
Image Resolution	19"LED (Single Display)

DisplayBlack / White, Color
Processing Function F1/F2/F3 self-definition combination,
edge enhancement, negative, partial
enhancement, gray scale scan.
Saves Capacity & Pull back 100,000 images / infinite review (the
previous pictures)
Resolution 1440 × 900
Processing & Gray Scale 24Bit real-time processing/8192
Enlargement Up to 64X dynamic continuous zoom
& panning.

Beam Direction..... Cooling & Running Cycle...... Sealed oil cooling & 100% X-Ray Sensor.....

..... Win7; RAM: 2GB; Hard Disk: 500G. Standard Function......



System Function

• Alarm Function

Image Navigation

Limits of Authority

• User Management

Urgent Stop

X-Autosight

♦ TIP

- Browse
- Fault Self-diagnosis and High Density Alarm Maintenance Functions
 - Image Magnification Display
 - Luggage Counting

Single-directional Scanning

• Date & Time Display

- Network Interface Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on
 - Save and Retrieval
 - Save As
 - Ultra-thin Scanning
- Working Status Display • X-Ray Emission Timing
 - Image Split Joint

Optional Function

Double Display

Function

Power Supply)

Voice Announcement

- GV-BB100 Black Box Energy Saving
- OTP The Operator Training • UPS (Uninterruptible
- Program

Bi-directional Scanning

- Voltage Stabilizer
- Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

.....3582mm(L)x1350mm(W)x1968mm(H) **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.48 (KVA)

36



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35





Product Instruction

GV-100120S is a practical large tunnel design x-ray security equipment which has been widely applied for civil aviation, railways, logistics and other cargo security inspection. GV-100120S has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters.

GV-100120S is an ideal model for large size luggage scanning because of its advanced image processing platform and various image processing functions.

1000 ··· 1000 ···

TYPE GV-100120S



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +



Tunnel size	1020 mm (W) x 1313 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	300 mm
Max. Load	200 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 36
Penetration(Steel)	Typical: 32 mm Standard: 30 mm
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.6 mm
Image Resolution	19"LED (Single Display)

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/8192
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

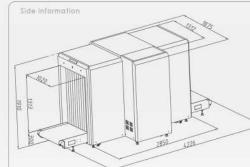
Anode Voltage 160 KV (adjustable) Beam Direction..... From side Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

.... Win7: RAM: 2GB: Hard Disk: 500G. Standard Function..... . RAM: 4G, 8G, 16G; Optional Function...... Hard Disk: 1T, 2T; Video Card: 2G, 4G, 8G;

X-Ray Security

Leakage	. < 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	. According to the ISO1600 (33DIN)
	High speed standard



System Function

- Alarm Function
- Browse

Limits of Authority

• User Management

Urgent Stop

X-Autosight

♦ TIP

- Fault Self-diagnosis and High Density Alarm
- Maintenance Functions Image Magnification Display Image Navigation
 - Luggage Counting

Single-directional Scanning

• Date & Time Display

- Network Interface
- Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on
 - Save and Retrieval Save As
 - Ultra-thin Scanning
 - X-Ray Emission Timing
- Working Status Display Image Split Joint
- Optional Function
 - Double Display

• UPS (Uninterruptible

Power Supply)

- Bi-directional Scanning GV-BB100 Black Box Energy Saving
- OTP The Operator Training
- Program
- Voltage Stabilizer
- Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

Size **Working Temp./Humidity....**0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity.....-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220 V(+10%~-15%) 50±3 (Hz) Power consumption.....About 0.50 (KVA)

38



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Product Instruction

GV-V150150 is a practical large tunnel design x-ray security equipment which has been widely applied for railways, transportation operations, logistics and other cargo security inspection. GV-V150150 has heavy duty capability through stainless steel rollers and high mobility (and could be easily move to any locations which need the security inspection) through rolling casters.

GV-V150150 is an ideal model for cargo, freight scanning because of its advanced image processing platform and various image processing functions.





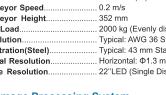
TYPE GV-V150150



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

Gervix



Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	1680 × 1050
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

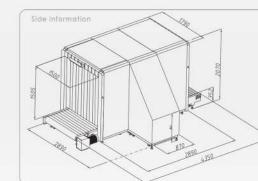
X-Ray Generator

Anode Voltage... ... 200 KV (adjustable) Beam Direction From side Cooling & Running Cycle...... Sealed oil cooling & 100% ... Multi-energy L photoelectric diode X-Ray Sensor.... array detector

IPC Configuration

Standard Function	Win7; RAM: 2GB; Hard Disk: 500G.
	Video Card: 2G;
Optional Function	RAM: 4G, 8G, 16G;
-	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
X-Ray Security	

Leakage	. < 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard



General Specification

Tunnel size	1500 mm (W) x 1505 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	352 mm
Max. Load	2000 kg (Evenly distributed)
Resolution	Typical: AWG 36 Standard: AWG 34
Penetration(Steel)	Typical: 43 mm Standard: 40 mm
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
Image Resolution	22"LED (Single Display)

Image Processing System

Display B	Black / White, Color
Processing FunctionF	1/F2/F3 self-definition combination,
	edge enhancement, negative, partial enhancement, gray scale scan.
Saves Capacity & Pull back 1	00,000 images / infinite review (the
p	previous pictures)
Resolution1	680 × 1050
Processing & Gray Scale 2	4Bit real-time processing/65536
EnlargementU	Jp to 64X dynamic continuous zoom
8	k panning.

Standard Function	Win7; RAM: 2GB; Hard Disk: 5000
	Video Card: 2G;
Optional Function	RAM: 4G, 8G, 16G;
	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
X-Ray Security	

X-Ray Security



Installation Data

..4350mm(L)x2890mm(W)x2070mm(H) Size Weight..... ..3000 KG Working Temp./Humidity......0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity......-40°C~+ 60°C/10%~95%(non-condensing)

Power Supply.....AC 220V or AC 380V(+10%~-15%) 50±3 (Hz) Power consumption.....About 2.30 (KVA)

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System Function

- Alarm Function
- Browse

Limits of Authority

• User Management

Urgent Stop

♦ TIP

- Fault Self-diagnosis and
- Maintenance Functions Image Navigation
 - Luggage Counting

Single-directional Scanning

Image Magnification Display

• UPS (Uninterruptible Power

1.2m Roller type Roller Tables

Voice Announcement

• Date & Time Display

High Density Alarm

- Network Interface
- Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on Save and Retrieval
 - Save As

Supply)

Function

- X-Ray Emission Timing
- Working Status Display X-Autosight
- Image Split Joint

Optional Function

- Bi-directional Scanning Double Display
- GV-BB100 Black Box
- OTP The Operator Training
- Program
- Voltage Stabilizer
- Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.





39





Product Instruction

GV-V150180 is a practical large tunnel design x-ray security equipment which has been widely applied for customs, airports and other large cargo venues. GV-V150180 has heavy duty capability through stainless steel rollers and high mobility (and could be easily move to any locations which need the security inspection) through rolling casters.

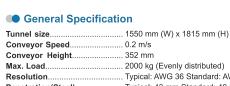
GV-V150180 is an ideal model for large size luggage, air cargo and freight scanning because of its advanced image processing platform and various image processing functions

TYPE GV-V150180



Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +



Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	1680 × 1050
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

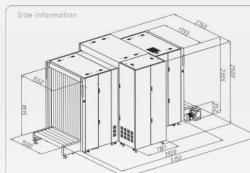
Anode Voltage... ... 200 KV (adjustable) Beam Direction..... From side Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

Standard Function	Win7; RAM: 2GB; Hard Disk: 500
	Video Card: 2G;
Optional Function	RAM: 4G, 8G, 16G;
	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
X-Ray Security	

X-Ray Security

According to the national and international Safety standard According to the ISO1600 (33DIN) Film Safety.. High speed standard



lunnel size	1550 mm (W) x 1815 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	352 mm
Max. Load	2000 kg (Evenly distributed)
Resolution	Typical: AWG 36 Standard: AWG 34
Penetration(Steel)	Typical: 43 mm Standard: 40 mm
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
Image Resolution	22"LED (Single Display)

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	1680 × 1050
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

Standard Function	. Win7; RAM: 2GB; Hard Disk: 500G.
	Video Card: 2G;
Optional Function	RAM: 4G, 8G, 16G;
-	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
X-Pay Socurity	

< 1µGy/h (5cm distance from outer), Leakage..



Weight..... ...3300 KG Working Temp./Humidity......0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity......-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220V or AC 380V(+10%~-15%) 50±3 (Hz) Power consumption.....About 2.30 (KVA)

42



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Double Display

1.2m Roller type Roller Tables

Voice Announcement

Single-directional Scanning

Image Magnification Display

• Date & Time Display

High Density Alarm

• Luggage Counting

Network Interface

One-key Shutdown

Self-check Power-on

• X-Ray Emission Timing

Save and Retrieval

Save As

X-Autosight

- Bi-directional Scanning GV-BB100 Black Box • UPS (Uninterruptible Power
- OTP The Operator Training
- Program

Optional Function

System Function

Fault Self-diagnosis and

Maintenance Functions

Management for Operator

System Working Timing

Working Status Display

Alarm Function

Image Navigation

Limits of Authority

• User Management

Image Split Joint

Urgent Stop

Browse

♦ TIP

- Voltage Stabilizer
- Voice Recording Function
 - Function

Supply)

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.







DUAL VIEW

X-Rou Security Inspection Equipment

Product Instruction

GV-V150180DV is a practical large tunnel x-ray security equipment with dual view which is ideally suitable for large size luggage inspection like oversized checked baggage, bulky objects and so on.

GV-V150180DV can display horizontal and vertical images by two independent generators, therefore operators can identify overlapping objects and detect out dangerous, illegal objects, contraband easily and precisely.





Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +





General Specification

Tunnel size	1550 mm (W) x 1810 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	400 mm
Max. Load	3000 kg (Evenly distributed)
Resolution	AWG 36 (from top) AWG 36 (from side)
Penetration(Steel)	40 mm (from top) 43 mm (from side)
Spatial Res. (From Bottom)	Horizontal: Φ1.6 mm Vertical: Φ1.6 mm
(From Side)	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
Image Resolution	22"LED (Double Display)

Image Processing System

Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial enhancement, gray scale scan.
Saves Capacity & Pull back	100,000 images / infinite review (the
	previous pictures)
Resolution	1680 × 1050
Processing & Gray Scale	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

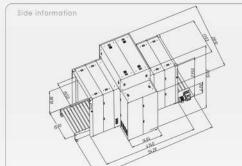
Anode Voltage.. ... 200 KV (adjustable) Beam Direction...... From top & From side Cooling & Running Cycle...... Sealed oil cooling & 100% X-Ray Sensor..... Multi-energy L photoelectric diode array detector

IPC Configuration

Standard Function
Video Card: 2G;
Optional Function RAM: 4G, 8G, 16G;
Hard Disk: 1T, 2T;
Video Card: 4G, 8G;
V Day Casurity

X-Ray Security

< 3µGy/h (5cm distance from outer),
According to the national and
international Safety standard
According to the ISO1600 (33DIN)
High speed standard



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System Function

- Alarm Function
- Browse

Limits of Authority

• User Management

Urgent Stop

♦ TIP

- Fault Self-diagnosis and High Density Alarm
- Maintenance Functions Image Magnification Display Image Navigation
 - Luggage Counting

Single-directional Scanning

• Date & Time Display

- Network Interface
- Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on
 - Save and Retrieval
 - Save As

Outlet Skateboard

Image Split Joint

Double Display

Supply)

Function

• UPS (Uninterruptible Power

1.2m Roller type Roller Tables

- X-Ray Emission Timing
- Working Status Display
- X-Autosight

Optional Function

- Bi-directional Scanning
- GV-BB100 Black Box
- OTP The Operator Training
- Program
- Voice Announcement Voltage Stabilizer
- Voice Recording Function

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



Installation Data

..5420mm(L)x2810mm(W)x3015mm(H) Size Weight..... ..3800 KG Working Temp./Humidity......0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity......-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220V or AC 380V(+10%~-15%) 50±3 (Hz) Power consumption.....About 2.5 (KVA)

44





Product Instruction

GV-V180180 is a practical large tunnel design x-ray security equipment which has been widely applied for customs, airports and other large cargo venues. GV-V180180 has heavy duty capability through stainless steel rollers and high mobility (and could be easily move to any locations which need the security inspection) through rolling casters.

GV-V180180 is an ideal model for large size luggage, air cargo and freight scanning because of its advanced image processing platform and various image processing functions

2000 --- 2002 ---- 2000 ----

TYPE GV-V180180

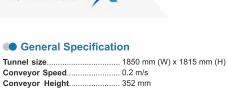


Technology Features

Sophisticated design with multi-functions operator interface + Can increase the conveyor speed to 0.3m/s(Customized) + Collection the high-speed parallel of detection data + With network interface to achieve total network management + Support JPG & BMP image transformation format to USB + Shiny clear images + High-resolution +

> INI

IIII



M P S h

Image Processing System

Display	Black / White, Color
Processing Function	
	edge enhancement, negative, partial
	enhancement, gray scale scan.
Saves Capacity & Pull b	back 100,000 images / infinite review (the
	previous pictures)
Resolution	1680 × 1050
Processing & Gray Scal	e 24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning.

X-Ray Generator

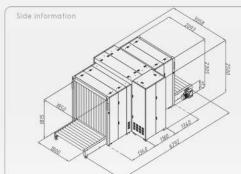
Anode Voltage... ... 200 KV (adjustable) Beam Direction..... From side Cooling & Running Cycle...... Sealed oil cooling & 100% Multi-energy L photoelectric diode X-Ray Sensor..... array detector

IPC Configuration

Standard Function	Win7; RAM: 2GB; Hard Disk: 500
	Video Card: 2G;
Optional Function	RAM: 4G, 8G, 16G;
-	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
V Roy Scourity	

X-Ray Security

According to the national and international Safety standard According to the ISO1600 (33DIN) Film Safety.. High speed standard



Souveyor Speed	0.2 11/5
Conveyor Height	352 mm
Max. Load	2000 kg (Evenly distributed)
Resolution	Typical: AWG 36 Standard: AWG 34
Penetration(Steel)	Typical: 43 mm Standard: 40 mm
Spatial Resolution	Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
mage Resolution	22"LED (Single Display)

Display E	Black / White, Color
Processing Function F	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
e	enhancement, gray scale scan.
Saves Capacity & Pull back 1	100,000 images / infinite review (the
p	previous pictures)
Resolution1	1680 × 1050
Processing & Gray Scale 2	24Bit real-time processing/65536
Enlargement L	Jp to 64X dynamic continuous zoom
8	& panning.

Standard Function	Win7; RAM: 2GB; Hard Disk: 500G.
	Video Card: 2G;
Optional Function	. RAM: 4G, 8G, 16G;
	Hard Disk: 1T, 2T;
	Video Card: 4G, 8G;
V Pov Socurity	

< 1µGy/h (5cm distance from outer), Leakage...



46 `

Installation Data

..6292mm(L)x3058mm(W)x2500mm(H) Size Weight..... ..3800 KG Working Temp./Humidity......0°C~ + 45°C/10%~95% (non-condensing) Storage Temp./Humidity......-40°C~+ 60°C/10%~95%(non-condensing) Power Supply.....AC 220V or AC 380V(+10%~-15%) 50±3 (Hz) Power consumption.....About 2.45 (KVA)



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- Single-directional Scanning • Date & Time Display Fault Self-diagnosis and High Density Alarm Image Magnification Display
- Maintenance Functions • Luggage Counting Image Navigation
 - Network Interface
- Management for Operator One-key Shutdown
- System Working Timing Self-check Power-on
 - Save and Retrieval Save As
- User Management Urgent Stop
- X-Ray Emission Timing Working Status Display X-Autosight
- Image Split Joint

Alarm Function

Limits of Authority

• Browse

♦ TIP

Optional Function

- Bi-directional Scanning Double Display
- GV-BB100 Black Box
- OTP The Operator Training

Black Box

- Program
- Voltage Stabilizer Voice Recording Function
 - Function

Supply)

• UPS (Uninterruptible Power

1.2m Roller type Roller Tables

Voice Announcement

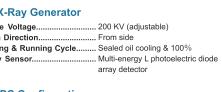
Using the professional video equipment, GV-BB100 can combine

x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.











MOBILE X-ROU Security Inspection Equipment

Product Instruction

GV-100100M is a new mobile inspection equipment includes x-ray luggage scanner integrated into vehicle, diesel generator and air conditioner. Its mobility is ideally suitable for any security inspection environment.

туре GV-100100M

Sophisticated design with multi-functions operator interface +

With network interface to achieve total network management +

Can increase the conveyor speed to 0.3m/s(Customized) +

Support JPG & BMP image transformation format to USB +

Collection the high-speed parallel of detection data +

Comfortable internal working condition +

12221 --- 12222

- 1111111

High resolution and penetration +

Shiny clear images +

High- resolution +

Easy for the passengers and high inspection efficiency +



Technology Features Cabinet X-ray Inspection General Specification

 Tunnel size
 1010 mm (W) x 1010 mm (H)

 Conveyor Speed
 0.2 m/s

 Film Safety
 Film Safety ISO 1600 Film

 X-Ray Leakage
 Compliant with international standards

 Max. Load
 200kg (Evenly distributed)

 Resolution
 Typical:40AWG, Standard:36AWG

 Penetration
 Typical:32mm steel, Standard:27mm steel

 Spatial Resolution
 Horizontal: Φ1.0 mm Vertical:Φ1.3 mm

 Anode Voltage
 160 KV (adjustable)

 Cooling & Running Cycle
 Sealed oil cooling & 100%

 X-Ray Sensor
 Multi-Energy L photoelectric diode array detector

Vehicle General Specification

- White lacquer, aluminium guard board, abrasive floor, back door of the operating room, reversible lock
- Dynamo and cables is installed at the back door to supply power. Air conditioner (Outer unit+ build in remote control unit, 1.1KW power)
- Power supply system
- Synchronous, automatically trigger, automatically calibration

System Function

Alarm Function

Image Navigation

• TIP

- Browse
- Fault Self-diagnosis and
 High Density Alarm
- - Luggage Counting
 Network Interface

Single-directional Scanning

• Date & Time Display

• Ultra-thin Scanning

X-Ray Emission

Energy Saving

- Limits of Authority
 Network Interface
 Management for Operator
 One-key Shutdown
- System Working Timing
 Sulf-check Power-on
 - Save and Retrieval
 - Save As
- Urgent Stop

• User Management

- Working Status Display
- Import and export flat frame

Optional Function

- GV-BB100 Black Box
- OTP The Operator Training Program

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



About Gervix

Gervix is a Brand with Technological Innovation of X-Ray High Security Inspection Equipment, which provides the most complete and high quality security equipment solutions. The state-of-the-art X-Ray technology continuously strives to improve the level of the national industry. The products we offer include X-Ray Security Inspection Equipment, Mobile X-Ray Security Inspection Equipment, Explosive Detector and Metal Detector. By being applied to industrial Railway Stations, Pvilions, Public Buildings, Government Buildings, and Airports.



Gervix



48



Product Instruction

GV-G500 was specially designed and produced for the manufactures such as Shoes & hats factory, garment factory, leather factory and so on. GV-G500 can set up the accounts and the administrative permissions base on the customers' needs. Its high conveyor speed (0.3m/s) and unique image scrolling displays technique allows the operators to have a complete understanding about the products and rule out the defective products quickly and precisely.

Technology Features

- ◆ Sophisticated design with multi-functions operator interface
- Can increase the conveyor speed to 0.3m/s(Customized)
- Collection the high-speed parallel of detection data

2882 ---- 2882282

- With network interface to achieve total network management
- Support JPG & BMP image transformation format to USB
- Shiny clear images
- High-resolution

49

- Images clearly, bright and strong sense of hierarchy, all objects were inspected perspective, without any blind spots.
- Can support the network system and remote operation control, excellent scalability and easy maintenance.
- X-Ray leakage had achieved the world's highest safety standard.
- + Small tunnel design with multiple functions operation interface.



General Index

TYPE

GV-G500

Gervix

Scanning direction	. Bidirectional scanning
Detection accuracy	. Can found metal ball which was
	1.0mm diameter
Tunnel size	. 505 mm (W) x 305 mm (H)
Conveyor Speed	. 0.2m/s (about 1,400 pieces per hour) or
	0.3m/s(about 2,100 pieces per hour)
	choose one of these two mode.
Image Resolution	. 19"LED (Single Display)

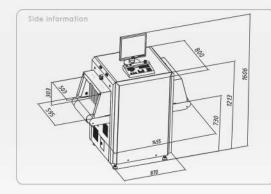
Image Processing System

	Pseudo-color and Black & White F1/F2/F3 self-definition combination, edge enhancement, negative, partial enhancement, gray scale scan.
	100,000 images / infinite review (the previous pictures)
Resolution	1440 × 900
Processing & Gray Scale	24Bit real-time processing/8192
Enlargement	Up to 64X dynamic continuous zoom & panning.

Installation Parameters

Size	1455mm(L)x800mm(W)x1213mm(H)
Weight	375 KG
- Working Temp./Humidity	0°C~+ 45°C/10%~95% (non-condensing)
Storage Temp./Humidity	40°C~+ 60°C/10%~95%(non-condensing)
Power Supply	AC 220 V(+10%~-15%) 50±3 (Hz)
Power consumption	About 0.37 (KVA)

• X-Ray Generator



X-Ray Security

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and
	international Safety standard
Film Safety	According to the ISO1600 (33DIN)
	High speed standard

Other Functions

System functions	User rights management, Power-on self-diagnosis, detection count, ultra-thin scanning, one key shutdown, high-density area alarm, etc.
Optional functions	Objects' image associated storing with its video.
Optional accessories	Printer, label printer, roller table, GV-BB100 Black box System, hard disk burner,printer helf.

Black Box

Using the professional video equipment, GV-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers. GV-BB100 is an international advanced product and an innovation in the security industry.



About Gervix

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50



High Sensitivity Digital Walkthrough

Meta Detector

Product Instruction

GV-MD2000A high sensitivity digital walkthrough metaldetectors use excellent electromagnetic testing and digital processing technology with high detection sensitivity of the magnetic metal and nonmagnetic metal and good recognition for personal items such as coins, keys, belt buckle, etc. The highest sensitivity can detect a 20 mm diameter steel ball. It has multi-layered overlapping coil design, with high-brightness LEDs to show the horizontal position of metal objects accurately, which can be easy for operator to make judgment

ADVANCED

TECHNOLOGY



Technology Data

TYPE

GV-MD2000A

Multiple frequency and high anti-interference performance +

Modular design and can be easily installed or maintained Having digital pulse technology and stable performance High detection sensitivity for the magnetic metal,

Technology Features

non-magnetic metal and alloy The class of effective sensitivity is 255

Gervix

Detecting Area	. 6 detecting area, with high-brightness LED
	alarm, Precise positioning the location of
	hiding contraband.
Sensitivity Level	. 255 level adjustable for each detecting area
Alarm Setting	Audible and visual alarm at the same time
	with 1 to 25 s alarm time and 255 level
	volume that can be adjusted continuously.
	Compliant with international standards
Display Screen	. High brightness LED display screen shows
	the passing and alarming number of people
Operational Authorization	Password protection to prevent data from
	being illegally modified or wrongly operated
	leading to abnormal work.
Counting Function	Intelligent counting function of passenger
	flow and alarming.
Diagnostic Function	Power-on self-test.
Easy Installation	. Integration design and can be assembled
	and dismantled in 20 minutes.
Safety	No harm to pacemaker wearers, Pregnant
	woman and magnetic media.

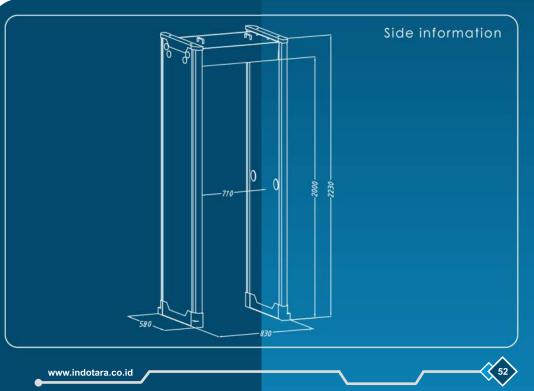


Installation Data

Size/Weight	2230mm(L)*830mm(W)*580mm (H)/about
	65KG similar
Tunnel Size	2000mm (L)*710mm (W)*500mm (H)
Power Supply	AC85-264V/50-60HZ
Power Consumption	12W
Working Temp	-20 °C ~+60 °C

About Gervix

Gervix is a Brand with Technological Innovation of X-Ray High Security Inspection Equipment, which provides the most complete and high quality security equipment solutions. The state-of-the-art X-Ray technology continuously strives to improve the level of the national industry. The products we offer include X-Ray Security Inspection Equipment, Mobile X-Ray Security Inspection Equipment, Explosive Detector and Metal Detector. By being applied to industrial **Railway** Stations, Pvilions, Public Buildings, Government Buildings, and Airports.



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HIGH QUALITY

PRODUCT

HIGH SECURE



High Sensitivity Digital Walkthrough

Meta Detector

Product Instruction

GV-MD3000 high sensitivity digital walkthrough metal detector use excellent electromagnetic testing and digital processing technology, has high detection sensitivity of the magnetic metal and nonmagnetic metal, and good recognition for personal items such as coins, keys, belt buckle, etc.

Garvix



Technology Data

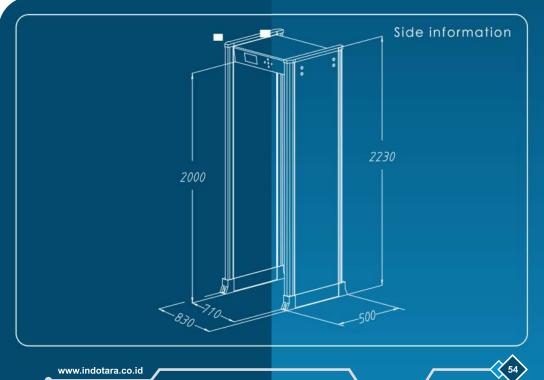
Detection Sensitivity	. A paper clip can be detected
Sensitivity Level	. Adjustable 0~255 levels sensitivity in each
	detecting zone; Effective sensitivity 255
	levels in the whole unit
Detecting zone	. Accurate alarm in single or multi-zone
	according to requirements
Display Monitor	. High-brightness LCD Screen
	Password protection to prevent data from
Audible alarm	. 255 volume levels adjustable, 11 tones
	levels adjustable
Light warning bar	. Multi-zones high-brightness LED
	light-warning
Operation authorization	Password protection, authorization using
	only
Counter	. 100% accurate counting on alarming time
	and pedestrian; Maximum displaying and
	storage numeric data is 100 thousand
Factory default resetting	. Quick reset Factory default

Installation Data

ize/Weight	.2230mm(L)*830mm(W)*580mm (H)
unnel Size	.2000mm (L)*710mm (W)*500mm (H)
ower Supply	AC150-242V/50+5%Hz
ower Consumption	.13.9W
/orking Temp	-20 °C ~+55 °C
/eight	Approx.65kg

About Gervix

Gervix is a Brand with Technological Innovation of X-Ray High Security Inspection Equipment, which provides the most complete and high quality security equipment solutions. The state-of-the-art X-Ray technology continuously strives to improve the level of the national industry. The products we offer include X-Ray Security Inspection Equipment, Mobile X-Ray Security Inspection Equipment, Explosive Detector and Metal Detector. By being applied to industrial **Railway** Stations, Pvilions, Public Buildings, Government Buildings, and Airports.



Technology Features

- The outer cover is made of high strength material, which has a strong capability of waterproof, fireproof, anticorrosion and shockproof
- + Combine digital and simulated technology, super high anti-interference ability, reduce the error alarm
- With multi-zone high-brightness LED lights and indicate accurate location with sound alarm
- Strong ability for self-diagnosis; running status monitoring; error alarm with sound and light
- + Small metal like a paper clip can be detected; suitable for high level security inspection
- + Modular design, easy installation and maintenance
- TCP/IP network function

53



High Sensitivity Handheld

Metal Detector

Product Instruction

GV-SC301 high sensitivity handheld metal detector able to detected the metal with the principle of electromagnetic induction, simply operation, high sensitive, a tiny metal piece like a paper clip can be detected, with sound, buzz and light alarm functions.



piece paper clip can be detected

Auto fault diagnosis without adjustable • Sound, buzz and light alarm models •

anticorrosive and shockproof

High speed detection response +

High, middle and low sensitivity adjustable. Super sensitive like a tiny metal +

The shell use engineering plastics, powerful ability of waterproof, fireproof, +

24H working normally under open-air, scorching sun, raining +

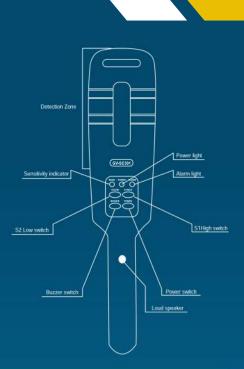
Gervix

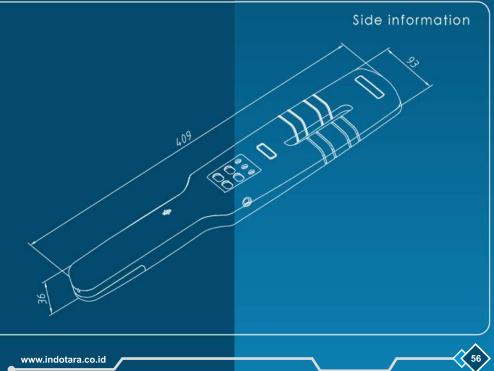
Technology Features Technology Data

Detection Sensitivity...... A paper clip can be detected Sensitivity Level...... High, middle and low Sensitivity Alarm...... adjustableSound, buzz and light, sound able to turn off

Install Data

Size 409 mm (L) x 93mm (W) x 36mm (H)	
Working Temp./Humidity20°C~ + 45°C/0%~95%	
(non-condensing)	
Storage Temp./Humidity40°C~ + 60°C/20%~95%	
(non-condensing)	
Power Supply	
Weight 350g	









Explosive Detection (Liquids)



GV-SD300

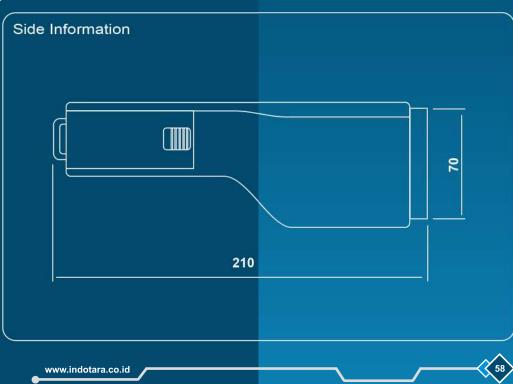
TYPE



Technology Data

Install Data





• Technology Features

57

Quasi-static computed tomography to define the object inflammable and explosive through measuring liquid dielectric constant and conductivity

• The detector excludes ion, microwave radiation and other potential radioactive elements, it is safe and harmless to the operator

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- Keep pressing the button for 10 seconds, the detector will shutdown automatically with "shutdown" display on the LCD
- To avoid long time worthless battery energy costs, this apparatus is also equipped with automatic shutdown function
- ◆ Comply with 89/336/ EEC and 2002/95/ EC (RoHS) standards, without lead, harmless to people's health after use
- + Liquid container's size and the air between the container and detector won't affect the inspection results
- Recognize the hazardous liquids from the safety liquid without directly touching
- + For security inspection, protection against terrorist attacks, fire hazard, etc

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GN 50 300



Liquid Security Inspection Equipment

TYPE GV-LS1525

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ADVANCED

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Main Technical Parameters Object Size.....

Detecting speed.....

X-ray generator.....

Cooling/Duty cycle..... X-ray detection sensor.... Leakage.....

Voltage.....

Frequency.....

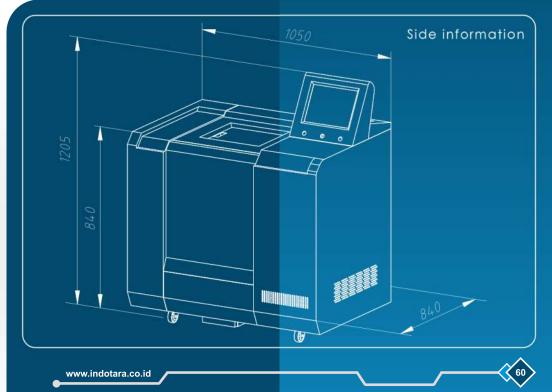
Consumption.....

Beam direction.....

Dimension..... Weight.... Work temperature & humidity.... Storage temperature & humidity....

Noise.....

 150mm(diameter)×250mm(height)
 Sealed oil cooling 100%
 Precision photodiode array
 ≤1 μGy/hour(5cm from the cover)
 horizontal irradiation
 <60dB(A)
 0°C~45°C / 20%~95% (non-condensing)
 40°C~60°C / 20%~95% (non-condensing)
AC 220 V +10% ~ -15%,110V is acceptable under special
requirements



Main Features

59

Detect and differentiate water, milk, alcohol, gas, lacquer thinner, sulphuric acid and the other normal liquid with their dangerous levels of: Safe, Suspect and Danger

GV-LS1529

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- CT technology apply in liquid check, attain the liquid property via Computed tomography scan
- Detect the liquid in glass, plastic, metal, ceramics and the other normal packing materiel
- Video image and CT image of detected object for analysing and tracing
- Comply with liquid scanner requirements in DB11/646.6-2009

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- ◆ High speed detecting, maximum 20sec per liquid object
- Power on / running self-diagnostics function
- Wheel with lock, for easy moving and fixing



Liquid Detector



GV-TD500

TYPE



Technical Index

Detection Objects	Flammabl
Detectable Container Materials	Plastic/ gla
Detecting Speed	Plastic/gla
Minimum Detection Amount	100ml
Selectable Detection Mode	Vials, ordi
Alarm	Audible al
Equipment Dimension	400mm (le
Power Consumption	45W
Weight	About 4.6
Boot Time	3.6 s
Data Transfer	USB、RJ4
Environment Temperature	10-55°C
Relative Humidity	10%-95%
Power Supply	AC100-24

lammable liquid in the sealed container lastic/glass/metal/ceramic/paper (no aluminum foil coating) lastic/glass container: 1 - 2 seconds Metal container: 2 -5 seconds 00ml ials, ordinary and special bottles udible alarm, indicator alarm, LCD screen 00mm (length) x 403mm (width) x 120mm (height) 5W bout 4.6 kg .6 s SB, RJ45, WiFi and other communication interface 10-55°C 0%-95% C100-240V(50/60Hz)

Various Materials Detection

Can detect liquid explosives, flammable, corrosion and other liquid dangerous good, including gasoline, diesel, nitroglycerin, nitromethane, dichloroethane, toluene, benzene, nitrobenzene, acetone, methanol, ethanol, ethylene glycol, Ethyl ether, isopropyl ether, sulfuric acid, nitric acid, hydrochloric acid, hydrogen peroxide (30% hydrogen peroxide), isopentane, pyrrolidine, methyl acrylate, ally chloride, cyclohexanone, cyclopentane, Ether, 1,4-dioxane, 1,3,5-trimethylbenzene, styrene (cool), diethylamine, n-propyl acetate, piperidine, butanone and other hundreds of dangerous liquids.

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Product Introduction

The GV-TD500 is a safety inspection device specifically designed for liquid safety inspection. It uses dielectric constant technology and heat transfer technology to detect liquids in nonmetallic and metal containers, which meet materials and thickness requirements, without opening the container. It can rapidly detect the plastic, glass, ceramics, metal and flexible packaging containers for liquid, and separates them from water, cola, milk, fruit juice and other safe liquid distinction. This product has passed the safety alarm system products quality supervision test and examination by the Ministry of Public Security. And it also has been applied in multiple important infrastructures and urban railway systems.

Product Features

- Simple operation: Automatic operation, do not require the manually reset and manual interpretation; Can automatically reset after thealarm, and continue to do the next detection. Short detection time and high efficiency.
- Allows to detect the metal container and non-metallic container at the same time without interference.
- Automatic counting function: to count every piece of liquid items and alarm liquid items separately, and also separately count for metal detection and non-metallic detection.
- Able to send the detection data, alarm information and equipment status through the network at real time.
- Large storage capacity: can store more than 100,000 records.



HANDHELD EXPLOSIVES

Trace Detector



GV-HE300

TYPE



Specification

Technology	
Explosives Detected	
Sensitivity	
Analysis Time	
Warm-up Time	
Sample Collection	
Sample acquisition distance	
Power	
Battery	
Alarm	
Data Display	
Calibration	
Dimensions(L×W×H)	
Weight	
-	
Working Temperature	
Relative Humidity	
interface	
Data Memory	····

... Ion Mobility Spectrometry ..Most commercially available and military explosives such as TNT、 DNT, RDX, PETN, NG, BP, Tetryl, HMX, Semtex, AN, etc. ..ng to pg level ...2 to 10 seconds ...20 minutes (hot-start 5 minutes) ...Particulate collection via wiping, non-contact vapor collection ...Less than 20cm for non-contact vapor collection ...110/220VAC. 50/60HZ ...22.2VDC, lithium ion battery, work more than 4h, stand-by time:≥8h ...Audio and visual, with substance identification and display on LCD screen ...3.5" color TFT displayinternal automatic calibration410×140×140 mm (16.2"×5.2"×5.2 ")Less than 3.36kg (with battery)-10℃ to 60℃ ...≤95% ..USB, RS232 ..120000 records (2G SD card)

62



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Product Introduction

GV-HE300 Handheld Explosive Trace Detector is a lightweight, fast, accuracy and extremely sensitive detection device for trace explosives based Ion Mobility Spectrometry (IMS) tecnology, which is independently developed. It has many advanced functions such as optional sensitivity level, hot-start, suitable for highlands advantages as easy operation, low-cost consumables and convenient maintenance. EI-HE300 has been applied many patents and inspected by the National Quality Supervise Center of Safety Protection and Alarming System, it has been widely applied for airport, customs, frontier defense, police, national defense, smuggling.

Technology Features

61

- Simple operation: Automatic operation, do not require the manually reset and manual interpretation; Can automatically reset after thealarm, and continue to do the next detection. Short detection time and high efficiency.
- Allows to detect the metal container and non-metallic container at the same time without interference.
- Automatic counting function: to count every piece of liquid items and alarm liquid items separately, and also separately count for metal detection and non-metallic detection.
- Able to send the detection data, alarm information and equipment status through the network at real time.
- Large storage capacity: can store more than 100,000 records.





Appreciation Accessories



Entrance End



Black Box After Crisis Analysis System

Outlet End



Gervix



The system is used for re-examination of suspicious baggage wrapped security ancillary products. When the operators find the suspicious objects, they could inform the baggage inspectors online and send the suspicious images to BOD(Baggage Overview Device). The baggage inspector will recheck the baggage according to the suspicious images shown on the BOD. The normal inspection and efficiency could be ensured with high accuracy.

Main Features

- Receive and display the suspicious images automatically
- Reminder function: BOD will give obvious reminder when receive new image data and show the remaining amount of the uninspected baggage
- Image storage and retrieval function
- Remote checkup function

GV-TIP Threat Image Projection System

Quickly Lock The Suspect

With professional video equipment to make X-ray images, luggage, parcels, Portrait information fusion is used in subsequent playback analysis. The system extends the security inspection function. You can quickly lock the suspect. Easy to use, the effect is significant, favored by the detectives. Black Box is a world-leading and innovative product with patent in security industry.

Main Features

 High-definition video capture Large-capacity digital image storage High quality screen transcoding

- Information centralized contrast display
- Integrated operating platform



TIP(Threat Image Projection): The dangerous objects' images in the TIP images database will be projected into the x-ray images of the baggage according to the preset projection strategy(time, objects, attribute, frequency, etc.). According to the projection strategy, TIP system will create the operators' assessment reports, which have effective test and assessment to the operators.

Main Features

• Dangerous images projection strategy could be customized

- Affluent dangerous images in the TIP images database, which could be managed to add or delete
- The dangerous images' size will be adjusted automatically according to the actual images
- Could create various management reports

Contraband Assisted Identification System

Industry-leading Dangerous Goods X-ray automatic recognition software system, based on the physical characteristics of the explosives and contraband, set the alarm when dangerous goods seized them, the system will automatically identify and mark by different colors and clear voice prompt remind screeners attention.

Main Features

- · Quickly and effectively identify explosives and contraband, has to identify the alarm function
- State-of-the-art achievements in the industry to provide a reliable technical means for the detection of dangerous goods









Operator Training Programme

The simulation training system can simulate X-ray scanner's use habits, software operation environment, image identification and real working situations. It also can analyze training result and promote professional ability of operators quickly.

Main Features

- Can be directly used in the ordinary computer as well as security equipment
- Establish normal training mechanism to trainees
- Data records, statistics, analyses of the training results will facilitate better understanding of the training for the management
- It includes product instruction system help trainees know more about GV scanner's features and different x-ray images.

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