PY Security PY-6040
X-ray Baggage Scanner
Single generator Dual energy

Explosives, Weapons and Contraband
Our best-selling scanner model PY-6040, lighter and shorter, it packs all the speed, power and detection capability into a sub-compact design. Sized for scanning mail, hand carried bags, personal items, clothing and shoes. The PY-6040 meets the throughput demands of high-traffic settings. An intuitive and simple operator interface makes this unit suitable for both security professionals and non-technical personnel.

Applications:
Mail scanning
Executive offices
Private security
VIP diplomatic security
Public places security
High-risk event security

PY Security PY-6040
X-ray Baggage Scanner

SPECIFICATIONS

Physical Details

Tunnel size:	600(W) x 400(H) mm.
Product dimensions:	2480mm(L)x875mm(W)x1270mm(H).
Wooden package dimensions:	2240mm(L)x960mm(W)x1400mm(H)
Shipping weight:	
Net weight:	450 kg.
Gross weight:	500kg.
Working temperature:	(-20)℃~(+60)℃/Humidity 5% to 95%, non-condensing.
Storage temperature:	(-30)℃~(+70)℃/Humidity 5% to 95%, non-condensing.
Power supply:	110~240VAC (-10%~ +20%),50/60±3Hz.
Power consumption:	< 0.5 kw/h.
Certificates:	Meets electrical safety and compatibility requirements for **CE**(EMC Directive~2014/30/EUand LVD Directive~2014/35/EU), **ROHS**(Directive~2011/65/EU).

X-RAY Generator

X-ray tube head:	Self-contained.
Tube voltage rating:	100kV(default), can be tailor-made based on requirement. Tube current: 0.2~0.6mA.
Cooling/working period:	100% with sealed oil bath cooling.
Beam direction:	Diagonal from bottom (60°beam divergence).
X-ray leakage dose:	Less than 0.35 µGy / h (5cm distance from any position of the machine).
Single scanning x-ray leakage dose:	Less than 1 µGy / h.
High X-ray leakage protection:	Two levels lead curtains to reduce the leakage and protect operators.

Inspection Performance

Steel penetration:	15 mm typical(Can be customized).
Conveyor speed:	Approx. 0.22m/s.
Conveyor height:	740mm(including the support tray).
Wire Resolution:	38 AWG wire,40 AWG(0.0787 mm) typical.
Space Resolution:	Horizontal Φ 1.0mm;vertical Φ 1.0 mm.
Noise:	<56dB.
Max. Load Weight:	180 kg (397 lbs).
Film Safety:	Guaranteed for high-speed film up to ISO 1600 (33 DIN).

Detectors

The array detector:	L-type photo-diode single energy detector.

Video

19 inch color LCD monitor,
pixel 1280 x 1024 video card.

Image Performance System

Auto Soft operating system: Win 7 English version.

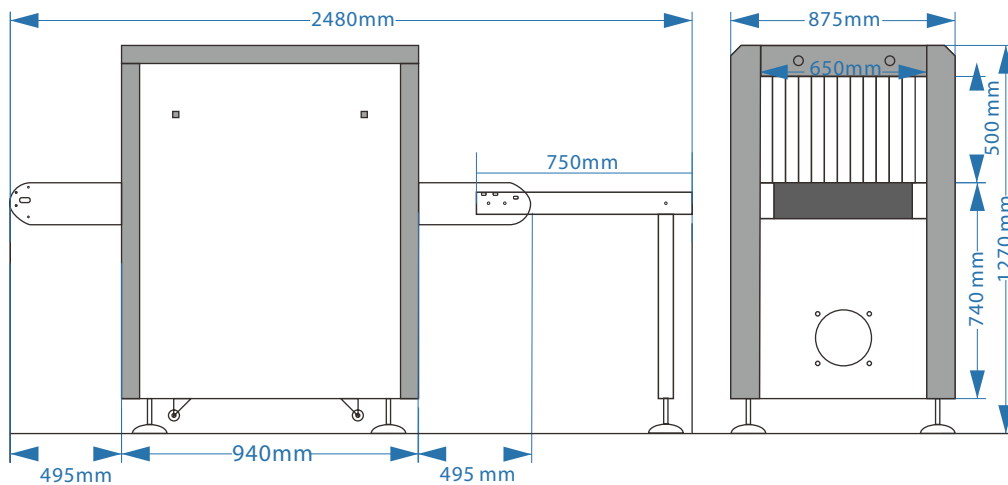|	
Standard Functions:	High & Low penetration/Super penetration/Organic& in-organic image/local & edge enhancement/zoom in & zoom out/Image resolution/Image storage/Image management/Black & white image/Gray image/Belt forward & reversal/Marks.
	Time & date/Power on indicator/Self diagnostic function/System log/Baggage counts/TIP function/User management.
Image storage:	100,000 images can be stored and process continuously.
Pull back/forward:	30 images to process.
64x smart zoom:	Adjustable zoom preview window.

Other Functions:

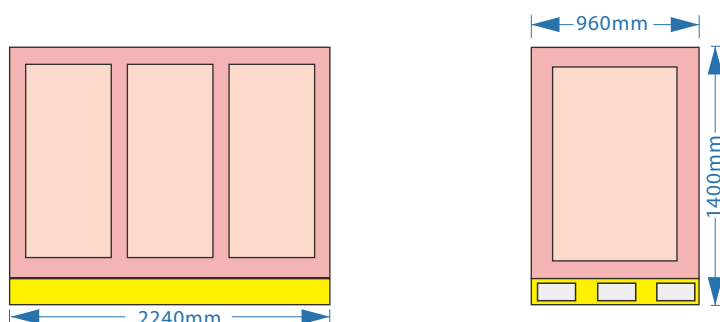|	
Alarm function:	Liquid and high density substances will give audio & indicator alarm with a red frame.
Networking function:	Can be connected to a dedicated virtual LAN configured tested by the assigned communications subcontractor.
Images output:	Images can be put out with USB interfaces.

Options

BI-direction(two-direction) scanning.
Customized roller shelf.
Customized software language(Basic is English).
Normal keyboard and industrial keyboard optional.
Double layer wooden packages.

One piece tool box

Pinyi Electronic Technology Co., Ltd
Add:No. 8 Jinpeng Rd.,Fenggang Town, Dongguan City, P.R.China.
www.pysecurity.com
Email: info@pysecurity.com
Tel: +86 755 23212049
Fax:+86 755 23212049