EuroLogix security

Dual View - Velocity Checkpoint 6040

The future of technology

- Next Generation Duel orthogonal X-Ray Explosive & Narcotic screening
- Excellent reliability & British design ISO9001 & ISO27001 Company
- Incorporates Entry & Exit Roller Tables of 1 Meter Standard or Options
- Threat image projection, image archiving , Explosive & Narcotic Detection Alert
- GPRS remote diagnostics & data reporting for long reliability with low maintenance
- View previous bag functionality & Utilization Display - Baggage Counter
- Two 24 Inch HD LCD Monitors
- Advanced Explosive Detection System & Cybersecurity Safe Certified.
- Integrated UPS Back upto 30 Minutes
- T.I.P approved & Liquid explosive detection USB Image Export JPG, TIF & PDF

cyberSAFE

MADE IN GREAT BRITAIN

The Eurologix Velocity duel View series has modernised traditional X-Ray screening machines, and is the next generation of X-Ray screening solutions with its innovative design incorporat-ing features and new technology. The unit can display horizontal and vertical images by two independent dynamic x-ray generators and can reduce search man power requirements.

The Eurologix Velocity checkpoint delivers extreme high quality resolution X-Ray images. The system has variable zoom, organic – inorganic material separation and deep focus software functions that make threat objects more apparent, particular in complex bag scenarios.

The Eurologix Velocity checkpoint is equipped with a remote diagnostic function that com-bines with the remote management reporting system via wireless communication (GPRS) this allows uploads of important data and statistics to a secure customer web portal for compli-ance reporting and automatic escalation of fault analysis. The unit has Antimicrobial technology coating for health.

The Eurologix Velocity checkpoint has a tunnel opening of 600mm wide by 400mm high and the machines external panels can be matched to your corporate colours. The Eurologix Velocity checkpoint has superior reliability backed by comprehensive warranty.

Our effective customer care team utilises the enhanced technology, which is designed to ensure maximum operation time and availability and minimum life cycle cost to our customers. This can be achieved by ensuring predictive maintenance and “First Time Fix” by the ability to monitor and perform remote diagnostics.

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Specification

General

Image Type	Advanced 2D Imaging with DEXA materials discrimination options available. 6 Color Imaging with Image Analysis program.
Inspection tunnel Max	60 cm (Wide) x 40 cm (High) standard
Conveyor Load	180 Kg - Heavy Duty Rollers & Belt - Desert Environmnt Seals.
Resolution	Typically 41 AWG (0.07 mm) 40AWG - Standard
Penetration Conveyor	Up to 40 mm steel Guaranteed
Speed	Up to 0.20 m/sec

Duel X-Ray Sources

Anode voltage Beam	180 kV standard - Operating 165KV. Dual 60 degree Angled.
current Anode	Dual Adjustable to 1.5 mA max
material Beam	Tungsten
collimation Filtration	Dual 60 degree fan with 1280 channels in L shaped array.
	3 mm Al and Spatial Resolution 1mm in Horizontal and Vertical
Cooling	Sealed oil bath with forced air-cooling

X-Ray Detector

Type	Linear PIN photodiode array
Detector resolution	1.5 mm and 2.5 mm
Dynamic range	4096 (12 bit)

Standard Image Processing requirements

2D configuration	Pan and 64 x Zoom with 9 Quadrants, materials discrimination, invert, DeepFocus™, image filters, variable contrast, Atomic Z, baggage count, Ultra organic and inorganic, Network Ready.
2 x 24" Monitors (Dual)	LCD 1280 x 1024 - 24 bit/pixel Colour and Black &White 175,000
Image storage	archive images on 2 TB HDD- image store/retrieve. JPG,PDF & TIF

Computer requirement

Type	Widows Embedded - Intel® Core™ i7-7700 processor
	16GB Memory, 2 TB HDD, 1 TB SSD, Video Memory 16GB

Power requirement

Voltage	90 – 264 VAC @ 10 Amps
Frequency	47 – 63 Hz

Dimensions Excluding housings

Approximate footprint	270 cm x 100 cm
Approximate weight	575 kg

Environmental

Operating Temperature	-20 to 45 °C
Relative Humidity	5 to 95% non-condensing

X-Ray Safety

X-ray emission	<1.0 μSv/hr conforms to IRR-99 (UK) Compliant with latest
X-ray safety	IRR-00 (UK) & USFDA Compliant with UL/CSE/IEC950, 21-CFR 1020.40