

Flat panel

PXR Alpha 36 Light



The PXR Alpha 36 large-area Flat Panel Detector allows high image quality coupled with large imaging area.

Large imaging area and high energy exposure, it is a perfect tool for any security application.

Intended to be used by EOD Teams, Counter Surveillance, Customs, Security Operatives, and Special Forces.

Sales code	PXR8903589
Sensor type	A-Si TFT Panel
Scintillator	Gadox
Pixel size	140 µm, resolution: 3.57 LP/mm @ Magnification of 1
Pixel Matrix	2560 x 3072 pixels
Dynamic range	16 bit (65.536 grey levels)
Active area [W × H]	358.4 mm × 430.08 mm
External dimensions [W × H × D]	400 mm × 470 mm × 17 mm
Uncovered active area	8 mm at the bottom and 10 mm at the right side
Weight	4.2 kg (Including battery)
Image acquisition time	Wired 1.5 s, Wireless: 3 s
X-ray Voltage Range	40 kVp — 450 kVp
Max. Exposure Time	180 s
Power Consumption	24 V DC, 0.8 A
Battery Life	Up to 8 hours, hot-swappable without turning off the detector
Communication protocols	Gigabit Ethernet, Wireless 802.11 a/c, 3 internal antennas
Operation modes	Horizontal, vertical, any angle
Operating temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Protection level	IP 67
Included in shipment	2 sets of batteries, charger