

Wireless flat panel detector **Vieworks** **VXTD-3643FCW**

36 x 43 cm [14 x 17 Zoll]

The Vieworks VXTD-3643FCW is a wireless X-ray detector specifically **designed for NDT and security applications**.

With an excellent 140 μm pixel size, the detector guarantees best image quality with reduced radiation exposure. The Vieworks X-ray detector is available in CsI⁺ technology as well as Gadox, is waterproof and dirt-resistant and has excellent temperature stability. The detachable handles allow the user a flexible range of applications.

- Outstanding image quality with 140 μm pixel-pitch
- Long battery life of 8 hours in operation
- Thin bezels of 8 mm (bottom) / 10 mm (right side)
- 40 kVp – 450 kVp (IR-192)
- Max. exposure time up to 180 seconds
- High speed wireless transmission with 3 antennas under 802.11ac
- Detachable handle (two sides)
- Pixel matrix: 2560 x 3072
- Dimensions (W x H x D):
400 mm x 470 mm x 17 mm
- Weight: 5.4 kg



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Parameters

Technology	TFT with photodiode
Scintillator	CsI:Tl / Gd2O2S:Tb
Pixel Pitch	140 µm
Pixels	2560 x 3072 pixels
Image Size	358.4 mm × 430.08 mm
Grayscale	16 bits
X-ray Voltage Range	40 kVp - 450 kVp
Maximum Exposure Time	180 s
X-ray Generator Interface	Line trigger: DR trigger Mode Auto trigger: AED Mode
Data Interface	Wired: Gigabit Ethernet (1000BASE-T) via PoE (Power over Ethernet) Wireless: IEEE802.11n/ac (2.4GHz, 5GHz)
Image Acquisition Time	Wired: 1.5 s Wireless: 3 s
Dimensions	400 mm × 470 mm × 17 mm
Weight	5.4 kg
Operating Environment	-20°C to +50°C
Battery	8 h (capturing) 9 h (standby)
Dust and Water Resistant	IP67
Dead Space	8 mm (bottom) 10 mm (right side)
Power	DC 24 V, 0.8 A

Applications

- Aerospace & Defense
- Shipyard
- Construction
- Explosive Ordnance Disposal
- Improvised Explosive Devices
- Special Forces
- Oil & Gas
- Energy & Power

Specifications subject to revision without notice

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