

Wireless flat panel detector **Vieworks** **VXTD-2532ECW**

25 x 32 cm [10 x 12 Zoll]

The wireless X-ray detector Vieworks VXTD-2532ECW was **designed for NDT and security applications** and weighs only 2.7 kg.

With a pixel size of 124 μm , the detector enables high-resolution image quality with reduced radiation exposure. The Vieworks X-ray detector is available with CsI⁺ technology as well as Gadox, is waterproof and dirt-repellent and has excellent temperature stability. The handles are removable, allowing the detector to be used for a wide range of applications.

- Outstanding image quality with 124 μm pixel-pitch
- Long battery life of 8 hours in operation
- Thin bezels of min. 8.5 mm
- 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: 2048 x 2560
- Dimensions (W x H x D):
322 mm x 355 mm x 17 mm
- Weight: 3.4 kg



Wireless flat panel detector

Vieworks VXTD-2532ECW

25 x 32 cm [10 x 12 Zoll]

Parameters

| | |
|---------------------------|---|
| Technology | TFT with photodiode |
| Scintillator | CsI:Tl / Gd2O2S:Tb |
| Pixel Pitch | 124 µm |
| Pixels | 2048 x 2560 pixels |
| Image Size | 253.95 mm × 317.44 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 | 322 mm × 355 mm × 17 mm |
| Weight | 3.4 kg |
| Operating Environment | -20°C to +50°C |
| Battery | 8 h (capturing) 9 h (standby) |
| Dust and Water Resistant | IP67 |
| Dead Space | 8.5 mm (two sides) |
| 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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