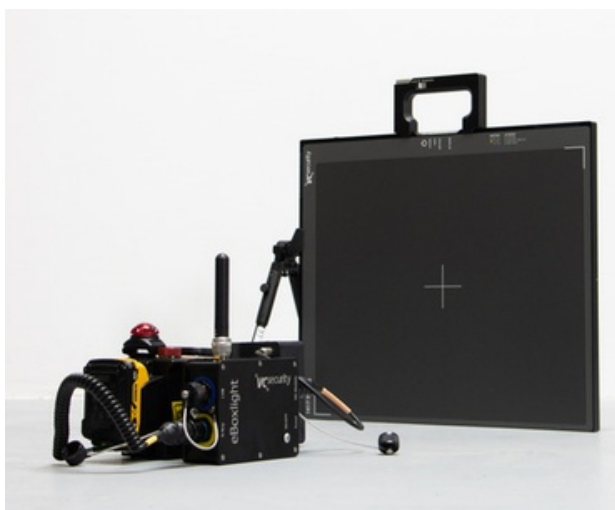


DR17-V DATASHEET



Highlighted Features

High definition images - 140 microns - 3.5 lp/mm

Dual operational modes - Either synchronized wired or wireless control from a tablet/laptop or standalone AED [automatic exposure detection] mode with manual firing of the x-ray generator

IP67 environmental protection against dirt, dust and water ingress.

Hot-swappable battery providing extended field operational capability.

Removable handle for flexible use in both portrait and landscape mode

Overview

DR17-V is a robust, large format x-ray panel for security and defence x-ray applications. The panel is designed for harsh environments, is dust and water tight, impact and drop resistant to 1m.

The imaging area is 358 x 430 mm and offers 16 bit, 140 micron high resolution images.

DR17-V is compatible with both pulsed and CP x-ray generators.

Includes rechargeable lithium iron hot-swappable battery, providing up to 8 hours image capture time



PANEL - TECHNICAL INFORMATION

Sensor	Wide quantization depth with low noise level
Panel	TFT with photodiode
Scintillator	GOS [CsI option available]
Pixel matrix	2560 x 3072 pixels
Pixel pitch	140 µm
Greyscale	16 bit

Mechanical	Stable and Reliable AED Function
Size	400 x 470 x 17 mm [14" x 17"]
Active area	358 x 430 mm
Weight	4.2 kg [9.3 lbs]
Dead space	8 mm bottom / 10 mm right side
Detachable handle	Portrait and landscape (two sides)

Communication	High speed wireless transmission with 3 antennas
Status display	Wi-Fi, LAN and battery indicator
Wireless data I/F	802.11 n/ac Wi-Fi standard at 2.4 & 5 GHz
Fast initial setup time	15 seconds only
Image acquisition time	Wired: 1.5 s / Wireless: 3 s

Imaging performance	Outstanding image quality	Environmental	Excellent temp. stability
Limiting resolution	3.5 lp/mm	Ingress protection	Water resistant & dustproof
Image acquisition time	Wired: 1.5 s / Wireless: 3 s	Operating environment	-20°C - +50°C

Power	Long battery life
Battery	Rechargeable Li-Ion battery [hot swappable]
Battery charger	External two bay charger 100 -240 V AC 50/60 Hz
Operating time	Up to 8 hrs capturing

Set content
Digital image detector, 4 pcs batteries, battery-charger, holder