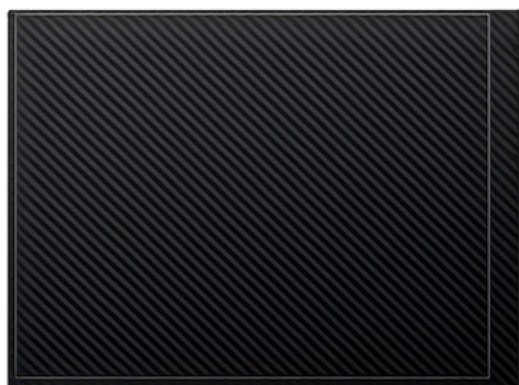


DR13-I DATASHEET



Overview

DR13-I is a robust, x-ray panel for security and defence x-ray applications.

The imaging area is 253 mm x 331 mm and offers 16 bit, 100 micron ultra high resolution images.

DR13-I, is compatible with both pulsed and CP x-ray generators. Operators can control in sync mode from a tablet or laptop. or use in AED mode with the x-ray generator controlled manually.

Includes rechargeable lithium-ion battery, providing > 8 hours image capture time.

Highlighted Features

Ultra High-definition images -
100 microns - 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.

Removable handle for flexible use in both portrait and landscape mode



DR13I PANEL - TECHNICAL INFORMATION

Sensor	Wide quantization depth with low noise level
Panel	a-Si
Scintillator	CsI / Gadox
Pixel matrix	2528 x 3318
Pixel pitch	100 µm
Greyscale	16 bit
Exposure Window	180 sec

Mechanical	Stable and Reliable AED Function
Size	269 x 362 x 16 mm
Active area	252.8 x 331.8 mm
Weight	2.2 kgs
Dead space	7.7 mm / 9.6 mm
Detachable handle	Portrait and landscape (two sides)

Environmental	Excellent temp. stability
Ingress protection	IP67 Ingress Protected against Water and Dust
Operating environment	-10°C - +50°C

Power	Long battery life
Battery	Rechargeable Li-Ion battery
Battery charger	In tray battery charging - 100 -240 V AC 50/60 Hz
Operating time	>8 hrs

Set content
Digital image detector, 2 pcs batteries, battery-charger, holder

All images, descriptions and technical specifications are subject to change without prior notice.