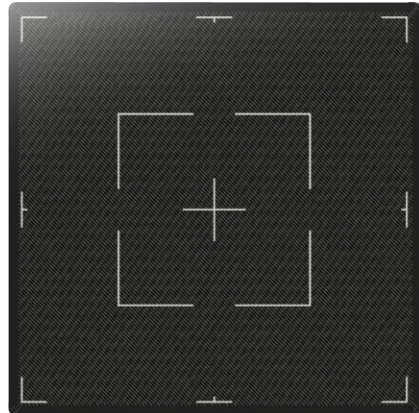
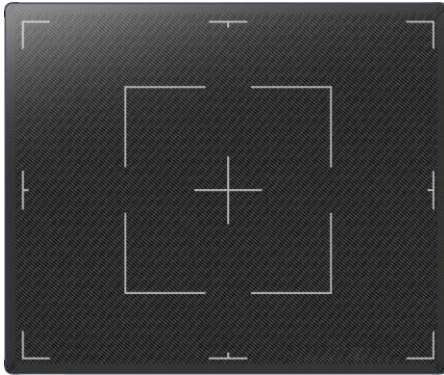


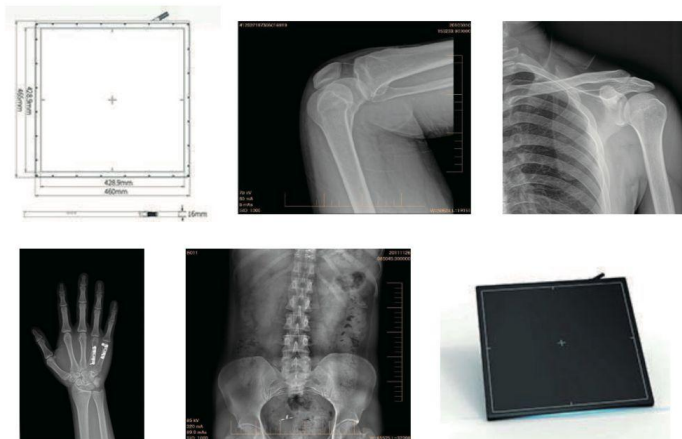
Optimus Series FPD

1417 / 1717

Premium Wired / Wireless



Flat-Panel Detectors



Elesonic has been a pioneer introducing innovative technologies for flat-panel detectors.

From Auto Exposure Detection technology introduced in 2011, Elesonic has been equipped the new technologies with flat-panel detector such as 17x17inch cassette-sized detector, on-board storage and web- viewer. These technologies introduced by Elesonic now became the standard features of industry for the most of products available in the market.

Optimus series detectors are once again built on the technologies one step ahead to contribute high sensitivity, high performance and high reliability flat-panel for imaging professionals. Various imaging sizes with robust and ergonomic design will allow the professionals to use the detector at any environment.

OPTIMUS 1417/1717 is a lightweight digital Flat Panel Detector (FPD) that quickly transmits captured images using advanced wired and wireless technology.

Benefits

- Large 14 x 17 / 17 x 17-inch cassette-type format
- Lightweight design
- Extended standby and usage time with a high-capacity battery
- Various options including multi-frame capability and portable housing
- Equipped with an excellent image processing engine
- Fast transmission based on Gigabit Ethernet and IEEE 802.11ac wireless networking standards

Specifications

Model		Optimus 1417	Optimus 1717
Application		General Radiography	
Conversion Screen (Scintillator)		Csl / GOS	
TFT Panel		a-Si TFT	
Pixel Pitch		140 μm	
Image Data (AD conversion)		Pure 16 bit	
Image Resolution		2,500 x 3,052	3.072 x 3,072
Image Size		14x17 inch (427x427mm)	17x17 inch (427x427mm)
On-board Storage		< 150 Images	< 100 Images
Wired / Wireless communication		Gigabit Ethernet / IEEE 802.11ac	
Trigger Mode		High Sensitive 2xAED (Auto Exposure Detection)	
Calibration Mode		ACC (Auto Calibration Control) / Manual	
Durability	*Weight Bearing for whole surface	<180kg	
	*Point Weight Bearing(4x4cm)	<100kg	
	*Drop Test	up to 50 cm	
	Water & Dust Resistance	IP 55	
X-Ray Voltage Range		40~150kVp	
Voltage		AC 100~240V, 50/60Hz, DC 18V 3.5A	
Environment		Storage: -10 °C ~ 60 °C, 10% ~ 90% RH (non-condensing) Operation: 10 °C ~ 35~, 20% ~ 75% RH (non-condensing)	
Battery Type		Lithium-Ion Polymer Battery	
Battery Full Operation Time		14Hours	12Hours
Dimensions		460 x 465 x 16 mm	460 x 466 x 16 mm
Weight		2.6 kg / 3.4 kg	3.3 kg / 4.1 kg

POINT OF REFERENCE :

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