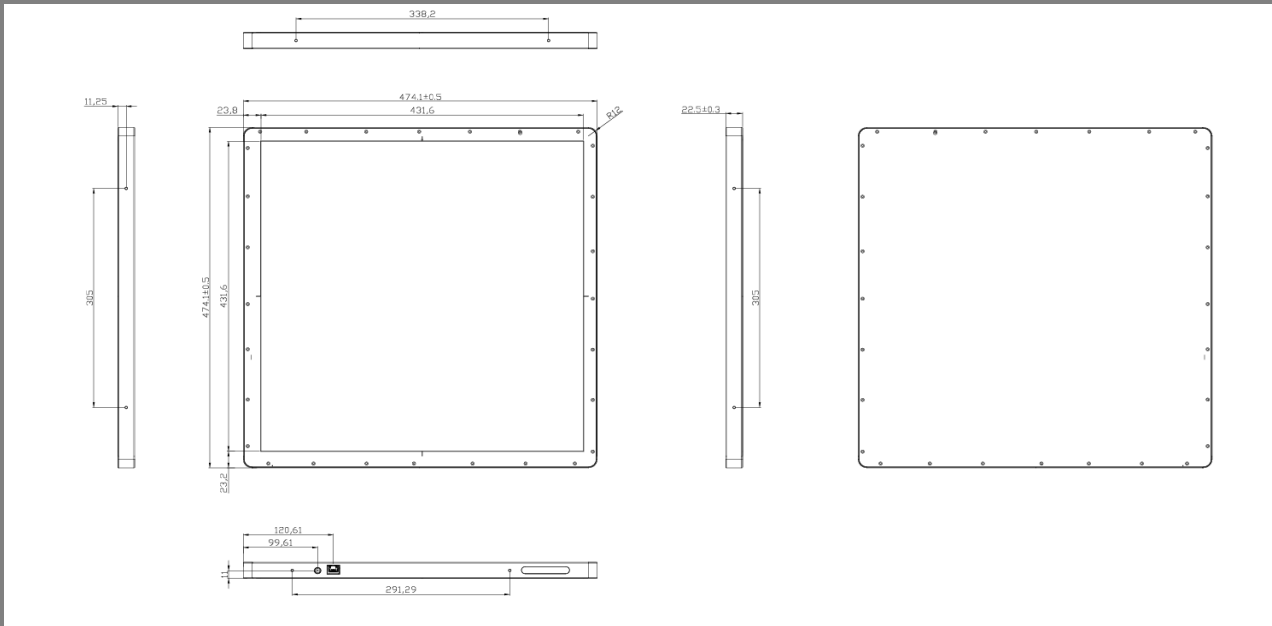
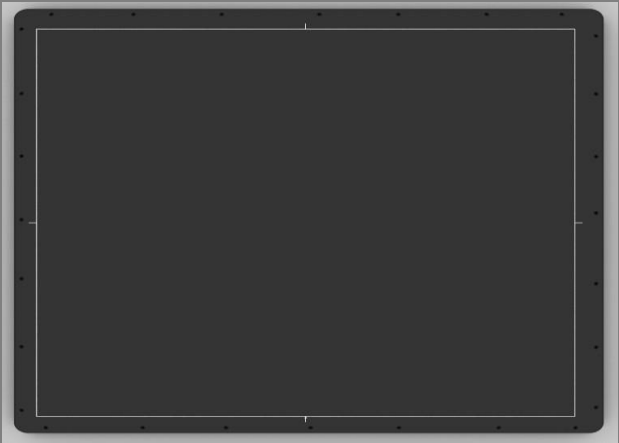
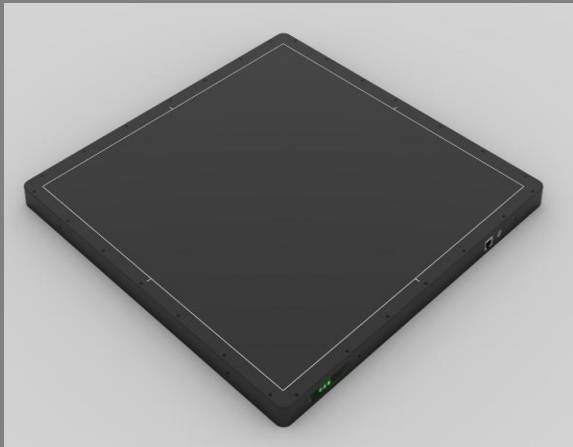


**Optimus Series**  
**1717 Flat-Panel Detector**



**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 1717 is a lightweight digital Flat Panel Detector (FPD) that quickly transmits captured images using advanced wired technology.

Benefits

- Large 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

Specifications

Model		Optimus 1717
Application		General Radiography
Conversion Screen (Scintillator)		CsI
TFT Panel		a-Si
Pixel Pitch		139 μm
Image Data (AD conversion)		Pure 16 bit
Image Resolution		3,072 x 3,072
Image Size		17x17 inch (430x430mm)
On-board Storage		< 100 Images
Wired 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	<150kg
	*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 24V / 60Watt
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		12 Hours
Dimensions		474.1 x 474.1 x 22.5 mm
Weight (With / Without battery)		3.3 kg ( No Handle / No cable )