



- Wireless cassette detector per ISO 4090, fits in bucky
- 150 μm pixel pitch, with 16 bit ADC for more image details
- Stable iSync+ Automatic Exposure Detection (AED)

Mars 1417V is a smart 14×17-inch wireless, cassette-sized FPD for radiographic imaging. It features reliable AED, dependable wireless performance, and a long battery life. The Mars 1417V supports a fast work flow, and is the optimal choice for both retrofit and new DR system solutions.

Superior 14 × 17-inch Cassette-size Flat Panel Detector Designed for Digital Radiography

1417V

| Dual band (2.4 and 5 GHz) wireless support with easy sharing |

| Long battery life and smart workflow |

| Direct deposition CsI for better image quality with lower dose |

IMAGING THE FUTURE

Superior 14 × 17-inch Cassette-size Flat Panel Detector Designed for Digital Radiography

Technical Specifications

Mars 1417V

Detector Technology	Amorphous-Silicon
Scintillator	CsI
Active Area (inch)	14 × 17
Pixel Matrix	2304 × 2800
Pixel Pitch (µm)	150
Spatial Resolution (lp/mm)	3.4
AD Conversion (bit)	16
Battery Autonomy (h)	8
WiFi	2.4G and 5G, IEEE802.11 a/b/g/n/ac
Trigger Mode	AED (Optional) / Software
Full Image Time (s)	5
Dimensions (mm ³)	384 × 460 × 15
Weight (kg)	3.3
Static Loading	150kg Uniformly
Ingress Protection	IPX1
Operating Temperature (°C)	5 – 35
Storage & Transport Temperature with Package (°C)	-20 – 55
Operating Humidity (% RH)	10 – 90 (Non-Condensing)
Storage & Transport Humidity with Package (% RH)	5 – 95 (Non-Condensing)

Dimensions

Unit: mm

