



## Superior 14 × 17-inch Flexible Cassette-size Flat Panel Detector **Mars 1417V**

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

- | Dual band (2.4 and 5 GHz) wireless support with easy sharing |
- | Long battery life and smart workflow |
- | Lightweight design with IP44 ingress protection |
- | Direct deposition CsI for better image quality with lower dose |

IMAGING THE FUTURE

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Mars 1417V is a smart 14×17-inch wireless, cassette-sized FPD developed on a flexible substrate. The cutting-edge flexible panel technology, features a strong, yet lightweight design, reliable AED and a long battery life. Mars 1417V supports a fast work flow, and is the optimal choice for both retrofit and new DR system solutions.

# Superior 14 × 17-inch Flexible Cassette-size Flat Panel Detector

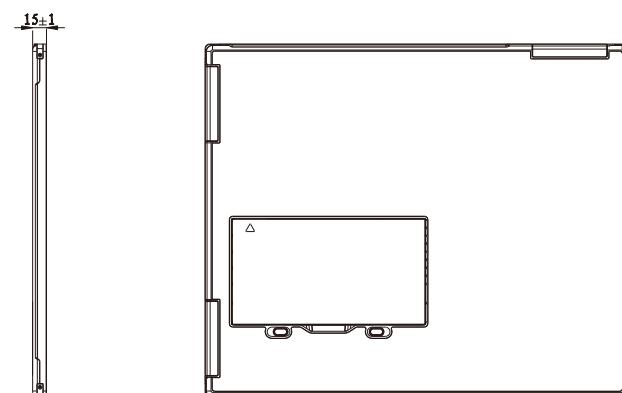
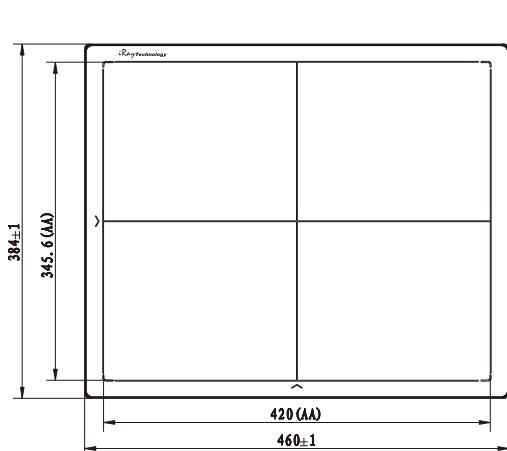
## Technical Specifications

Mars 1417V

Detector Technology	Flexible
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
Internal Image Storage	200 full size images
Full Image Time (s)	5
Dimensions (mm <sup>3</sup> )	384 × 460 × 15
Weight (kg)	3.0
Static Loading	150kg Uniformly
Ingress Protection	IP44
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



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