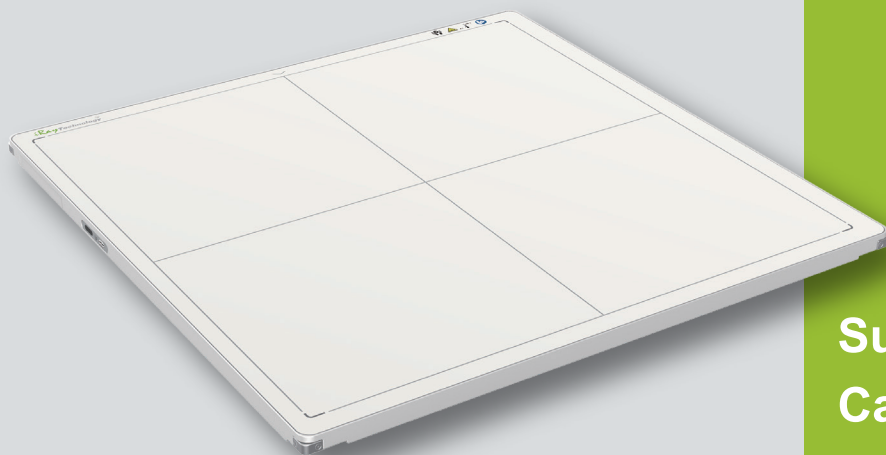




## Superior 17 × 17-inch Cassette-size Flat Panel Detector

### Mars 1717V

- Wireless cassette detector per ISO 4090, fits in bucky
- 139  $\mu\text{m}$  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 |

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

IMAGING THE FUTURE

Mars 1717V is a smart 17×17-inch wireless, cassette-sized FPD for radiographic imaging. It features reliable AED, dependable wireless performance, and a long battery life. The Mars 1717V supports a fast work flow, and is the optimal choice for both retrofit and new DR system solutions.

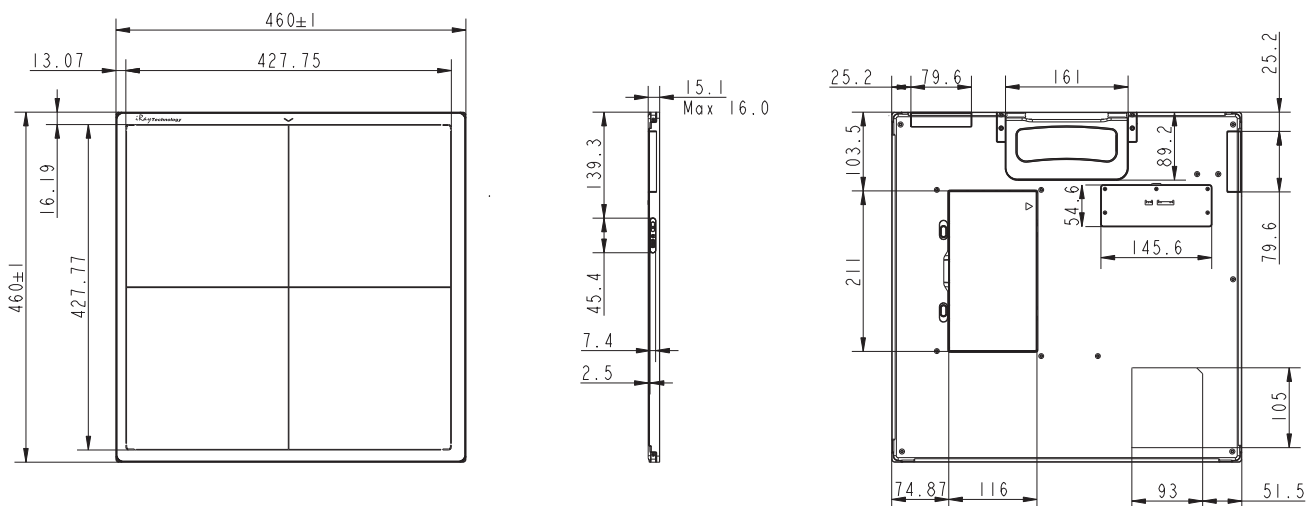
## Technical Specifications

Mars 1717V

|                                                   |                                    |
|---------------------------------------------------|------------------------------------|
| Detector Technology                               | Amorphous Silicon                  |
| Scintillator                                      | CsI                                |
| Active Area (mm <sup>2</sup> )                    | 427 × 427                          |
| Pixel Matrix                                      | 3072 × 3072                        |
| Pixel Pitch (μm)                                  | 139                                |
| Spatial Resolution (lp/mm)                        | 3.6                                |
| AD Conversion (bit)                               | 16                                 |
| Battery Autonomy (h)                              | 5                                  |
| WIFI                                              | 2.4G and 5G, IEEE802.11 a/b/g/n/ac |
| Trigger Mode                                      | AED (Optional) / Software          |
| Full Image Time (s)                               | Typ.5                              |
| Dimensions (mm)                                   | 460 × 460 × 15                     |
| Weight (kg)                                       | 4.6                                |
| 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


[www.iraygroup.com](http://www.iraygroup.com)

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