



- Best-in-class 100 μm pixel pitch with 16-bit ADC for more image details
- Direct deposition Csl, with excellent DQE at all frequencies
- Full AED control, exposure at any time

Mars 1012X is a new generation, high-performance 10 × 12 - inch wireless FPD. It features a 100 μm pixel pitch with direct deposition Csl. With the smart workflow and reliable iAED, Mars 1012X is the best choice for mobile DR systems.

High-Performance Wireless a-Si Flat Panel Detector

Mars 1012X

| Full AED control, exposure at any time |

| Large capacity battery design, with 8+ hours battery life |

| Lightweight design with IPX5 ingress protection |

| Supports a fast workflow for a better user experience |

IMAGING THE FUTURE

High-Performance Wireless a-Si Flat Panel Detector

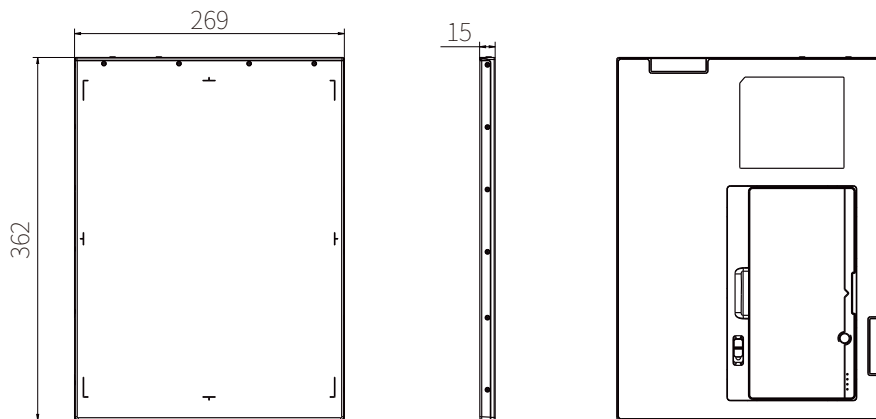
Technical Specifications

Mars 1012X

Detector Technology	Amorphous Silicon
Scintillator	CsI
Active Area (inch)	10 × 12
Pixel Matrix	2502 × 3152
Pixel Pitch (μm)	100
Spatial Resolution(lp/mm)	4.3
AD Conversion (bit)	16
Battery Autonomy (h)	8.5 h @ 90 s cycle
Data Interface	2.4G & 5G, IEEE802.11 a/b/g/n/ac
Trigger Mode	AED (Optional) / Software
Preview Image Time (s)	1.5
Cycle Time (s)	3.5
Dimensions (mm ³)	269 × 362 × 15
Weight (kg)	2.3
Ingress Protection	IPX5
Operating Temperature (°C)	10 ~ 35
Storage & Transport Temperature with Package (°C)	-20 ~ 55
Operating Humidity (% RH)	5 ~ 90 (Non-Condensing)
Storage & Transport Humidity with Package (% RH)	5 ~ 95 (Non-Condensing)

Dimensions

Unit: mm



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