

E24C

WIRELESS DETECTOR

The E24C is an ultra-light, portable 24 cm x 30 cm wireless detector with outstanding image quality, offering the compact versatility needed to optimize workflow. The E24C has an internal accelerometer which automatically senses motion and takes the detector in and out of ready mode, extending its battery life. Due to the compact size, weight, and portability of the E24C detector it is ideal for small anatomy and pediatric imaging.

Key Highlights

Large Active Imaging Area

-24 cm x 30 cm

Optimized Workflow

Ultra-Low Dosage

-Lower dosage for efficient patient imaging

EasyConnect Automatic Exposure Detection (AED)

Portability

-Weighing only 3.5 lbs. (1.6 kg)

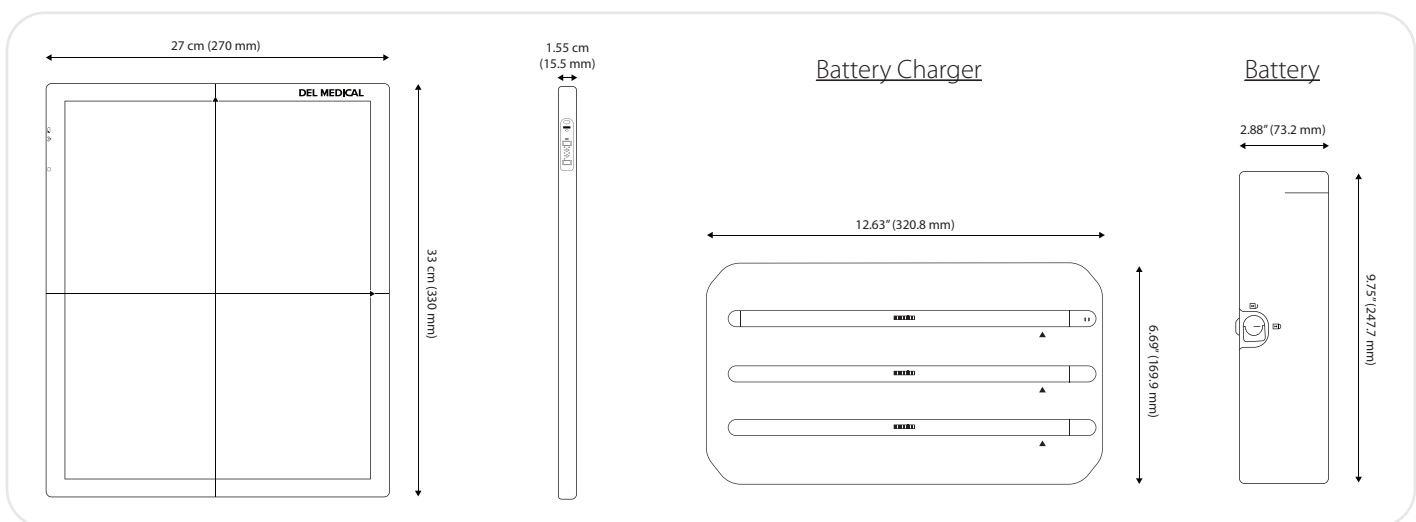
Wireless Transfer

Technical Specifications

* All specifications subject to change without notice

E24C Wireless Detector

Detector technology:	a-Si
Scintillator:	Cesium Iodide (CsI)
Active image area:	24 cm x 30 cm
Pixel matrix:	1920 x 1560
Pixel pitch:	148 um
A/D conversion:	16 bit
Image display:	3-6 seconds
Cycle time:	9 seconds
Exposure window:	Up to 3.2 seconds
MTF @ 1.0 LP/mm:	61%
MTF @ 2.0 LP/mm:	31%
MTF @ 3.0 LP/mm:	15%
DQE @ 0.0 LP/mm:	66%
DQE @ 0.5 LP/mm:	66%
DQE @ 1.0 LP/mm:	51%
DQE @ 2.0 LP/mm:	39%
DQE @ 3.0 LP/mm:	23%
Limiting resolution:	3.5 LP/mm
Weight (Battery and detector):	3.5 lbs. (1.6 kg)
Dimensions:	27 cm x 33 cm x 1.55 cm
Wifi:	802.11a/b/g/n, 2.4GHz/5GHz
Auto Exposure Detection (AED):	Yes
Drop sensor(s)	Yes, software recorded



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