

E14C

WIRELESS DETECTOR

The E14C is an ultra-light, portable 14" x 17" (35 cm x 43 cm) wireless detector with outstanding image quality, offering the compact versatility needed to optimize workflow. The E14C has an internal accelerometer which automatically sense motion and takes the detector in and out of ready mode, extending its battery life.

Key Highlights

Large Active Imaging Area

-13.8" x 16.9" (35 cm x 43 cm)

Optimized Workflow

Ultra-Low Dosage

-Lower dosage for efficient patient imaging

EasyConnect Automatic Exposure Detection (AED)

Portability

-Weighing only 6.1 lbs. (2.8 kg)

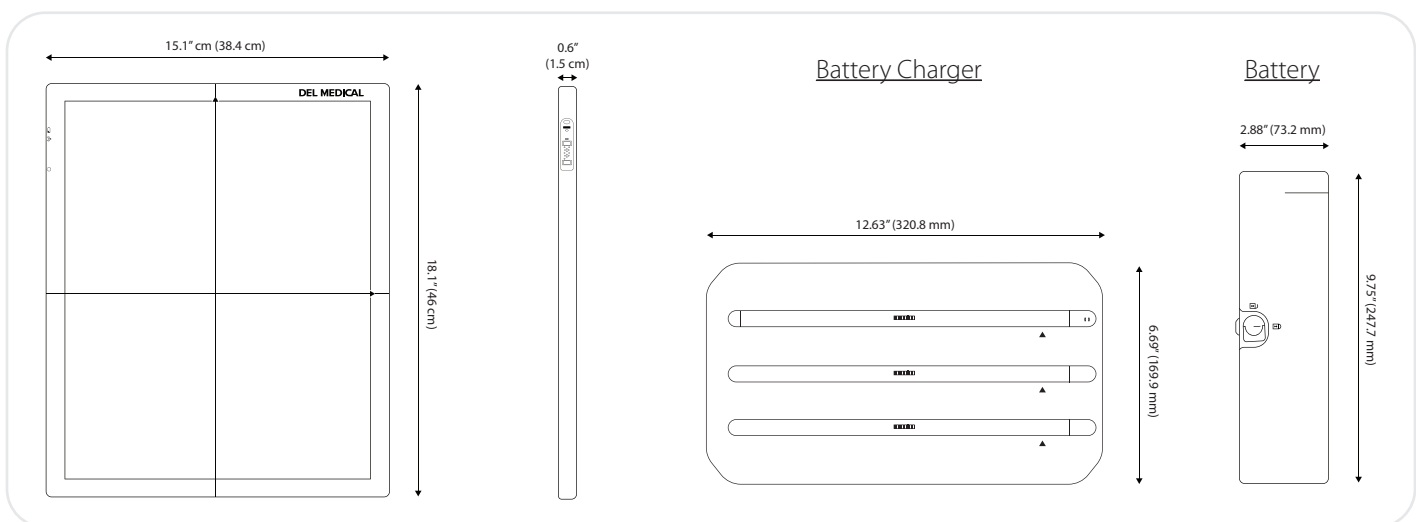
Wireless Transfer

Technical Specifications

* All specifications subject to change without notice

E14C Wireless Detector

Detector technology:	a-Si
Scintillator:	Cesium Iodide (CsI)
Active image area:	13.8" x 16.9" (35 cm x 43 cm)
Pixel matrix:	2400 x 2880
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):	6.1 lbs. (2.8 kg)
Dimensions:	15.1" x 18.1" x 0.6"
Wifi:	802.11a/b/g/n, 2.4GHz/5GHz
Auto Exposure Detection (AED):	Yes
Drop sensor(s)	Yes, software recorded



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