

SPECIFICATIONS

Sensor

Scintillator	Direct Deposit CsI:TI
Active Area	433.7 x 354.8 mm
Pixel Array	2816 x 2304
Pixel Pitch	154 um

Image Quality

Limiting	3.25lp/mm
MTF	70%(@ 1 IP/MM)
	40%(@ 2 IP/MM)
	22%(@ 3 IP/MM)
DQE	(@RQA5, 27 uGy)
	- 65% (@0 lp/mm)
	- 20% (@3 lp/mm)
Sensitivity	- 0.62 ct/nGy
Response Non-linearity	< = + 0.5%
Maximum Linear Dose	95 uGy
Dark Noise	- 8 nGy
Dynamic Range	- 82 dB
A/D Conversion	16 bits

Communication Interface

Sensitivity	Gigabit Ethernet 2.4/5 Ghz, 300 Mbps
Image Acquisition Time	2-3 sec (wired) 4-5 sec (wireless)
Exposure Control	F ² AED Manual sync

Environmental

Operating	
Temperature Range	5 °C - 35°C
Humidity Range (Non-condensing)	30%-75% RH
Storage	
Temperature Range	-20 °C - 55 °C
Humidity Range (Non-condensing)	10%-90% RH

Mechanical

Dimension	460 x 384 x 15 mm
Weight	3.7 kg
Housing Material	Carbon fiber front High Strength aluminium alloy back

Power

Maximum Power (standby/operating)	< 8 W / 20 W
Power Supply	100-250V AC
Frequency	50/60 Hz

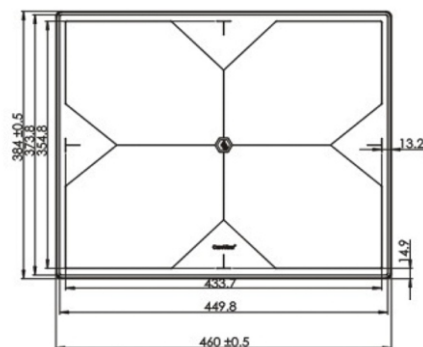
Regulatory

FDA	K150929
CE	HD 60107735 001
UL	E464810
HC	96952

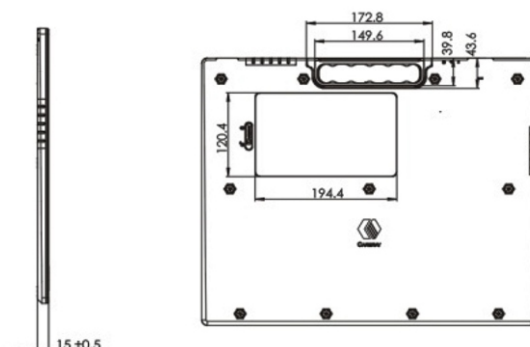


14x17" Cassette-sized Wireless Detector

Dimension (mm)



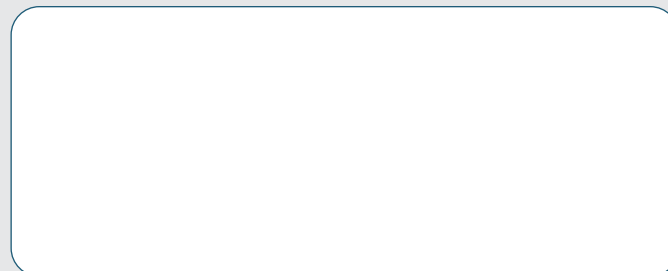
Specifications are subject to change without prior notice.



PROFESSIONAL IMAGING INC.
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Represented by:



Friendly Operation Experience

- 14x17" cassette-sized wireless detector; easily fits into standard bucky tray cabinets for upgrading a Site or CR system to a fiat-panel DR system.
- No wiring to generator with patented Full-Field Automatic Exposure Detection (F'AED") Technology.
- Wireless acquisition and transfer of a full resolution radiography image in-4 sec with 802.110 interface and dual-bands (2.4/5GHz) at 300Mbps data transmission rate.

Superior Image Quality

- The best performance Col direct-deposition technology on new generation of TFT/PIN PD panel and low noise electronics.

"Care about you" Design Philosophy

- Extra long battery life with 1400 shots/charge (10 sec interval between shots) and 7 hours stand-by time.
- Light weight and slim design with built-in foldable handle: rubber insulated frame and high strength aluminum-alloy case ensure safe and convenient operations.