



## 14"x 17" Wireless Detector

- 14"x17" portable wireless radiography detector with dual band ( 2.4GHz/5GHz , 802.11n ) wireless transmission. Image acquisition cycle can be completed within 5 seconds (From X-ray exposure to image being displayed on screen). To ensure reliable operation in any environment, the detector also provides a standard Gigabit Ethernet port for wired operation.
- Outstanding battery capacity ensures over 1400\* shots when it's fully charged (\*continuous operation with 10 seconds interval between each acquisition).
- The most advanced CsI direct-deposition technology ensures excellence of image quality at low X-ray dose for safety-minded operation environment.
- Aluminum-alloy uni-body enclosure with Impact-absorption rubber edge and water-proof seals support the detector to be used in various complicated environment.

**321 N. 8th St La Porte, Tx 77571**  
**Ph # (281) 470-2010 Fax # (281) 470-2024**  
**Website: <http://www.3endt.com>**

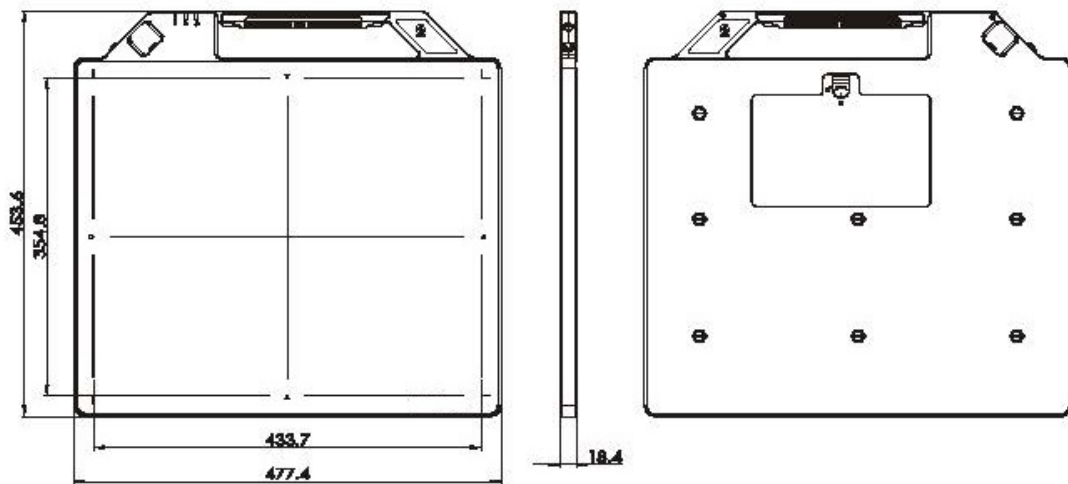
# 3ENDT 1500P Parameter

Sensor	
Scintillator	Direct Deposit CsI
Pixel Area	434 x 355mm <sup>2</sup> (14"x17")
Pixel Array	2816X2304
Pixel Pitch	154µm
Imaging Performance	
Limiting Resolution	3.3lp/mm
MTF	> 70% .....(@ 1 lp/mm)
	> 40% .....(@ 2 lp/mm)
	> 22% .....(@ 3 lp/mm)
DQE	(@RQA5,30µGy)
	~ 65% .....(@ 0 lp/mm) ~ 20% .....(@ 3 lp/mm)
Sensitivity	~0.62ct/nGy
Response Non-linearity	< ± 0.5%
Maximum Linear Dose	95 µGy
Dark Noise	~ 8 nGy
Dynamic Range	~ 82dB
Greyscale	16 bits
Communications	
Communication Interface	GbitE
	2.4/5GHz, 300Mbps
Image Acquisition Time	2-3s (wired)
	4-5s (wireless)

Exposure Control	F <sup>2</sup> AED ( optional )
	Manual
Environmental	
Operating	Natural Cooling
-Temperature Range	-20C to + 60C (-5F to 140F)
-Humidity Range ( Non-condensing )	30%-75%RH
Storage	
-Temperature Range	-20°C-55°C(-4°F-67°F)
-Humidity Range	10%-90%RH
Mechanical	
External Dimension	477.4x453.6x18.4mm(17.9"x18.7"x0.7")
Weight	4Kg(8.8lbs)
Weight Bearing	100Kg@ φ 40mm, 150kg@full facade
Housing Material	carbon fiber front & High Strength Aluminium alloy back
Power	
Power Dissipation	<8W(standby) / 24W (operating)
Power Supply	100-240V AC
Frequency	50/60Hz
Regulatory	
CE	HD 60107735 0001

## 1500P Dimension

( mm )



Specifications are subject to change without prior notice.

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