



BRAND NEW

1417WCE · 1717WCE

Medical X-ray Imaging Solution




AccuAED MultiPixel



16 hours
LONG LASTING

MIL-STD 810H

IP67
WATER & DUST
RESISTANCE

Slip & Impact
PROTECTION

HIGH RESOLUTION 99.9 μ m

When you diagnose details such as fractures, you need a high-resolution image consisting of small pixels. 1417 · 1717 WCE series also provide high-quality diagnostic images by fine pixel pitch 99.9 μ m.

CONDITION: 50kVp, 2mAs



TRANSITIONAL RESOLUTION 140 μ m



HIGH RESOLUTION 99.9 μ m

LOW DOSE

The next generation low-dose wireless detector developed by Ivannka offers the same level of image quality at 40% lower doses than conventional products. The reading accuracy of medical staff is enhanced while the patients' exposure to the radiation is reduced.

PATIENT DOSE

40% Reduction

Less dose,
better image

Condition: 0.39mGy



Normal Detector

Condition: 0.23mGy



1417WCE Low Dose

16 HOURS BATTERY LIFE

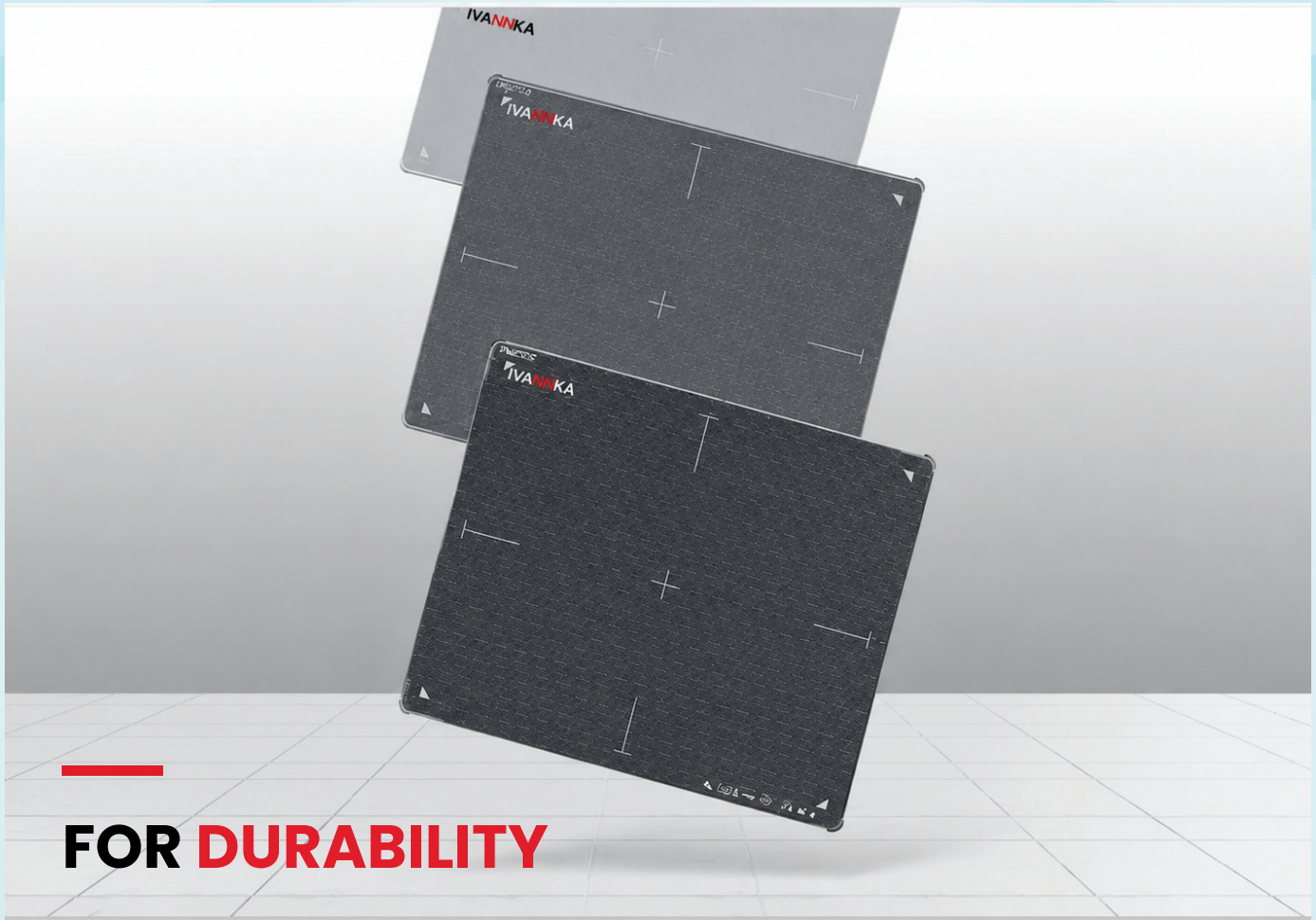
Best in class 16 hour dual batteries offer the convenience of hot-swapping for uninterrupted usage. 10minutes charging from 0% provides a substantial 40 minutes of operational time.



1417WCE	ORIGINAL	HIGH SENSITIVITY	HIGH RESOLUTION
Sensor type	α-Si TFT		
Scintillator Type	CsI: TI		
Pixel Pitch	140μm	140μm	99.9μm
AcuDetect	O	O	O
MultiPixel	X	X	O
Glass Free	X	X	X
Battery Operating Time (hrs)	Lithium Ion 3920mAh x 2 16hr (1 battery 8hr)		
Weight(kg) [not incl. battery]	≤2.5	≤2.5	≤2.5
Total Pixel Matrix (pixels)	2500 X 3052	2500 X 3052	3534 X 4302
Dimensions (mm)	384 X 460 X 15	384 X 460 X 15	384 X 460 X 15
A/D Conversion (bits)	16	16	16
Data interface	Wired: GigE Wireless: 802.11 n/ac		
Energy Range (kVp)	40 ~ 150 kVp		

1717WCE	ORIGINAL	HIGH SENSITIVITY	HIGH RESOLUTION
Sensor type	α-Si TFT		
Scintillator Type	CsI: TI		
Pixel Pitch	140μm	140μm	99.9μm
AcuDetect	O	O	O
MultiPixel	X	X	O
Glass Free	X	X	X
Battery Operating Time (hrs)	Lithium Ion 3920mAh x 2 16hr (1 battery 8hr)		
Weight(kg) [not incl. battery]	≤3.3	≤3.4	≤3.2
Total Pixel Matrix (pixels)	3072x3072	3072x3072	4302x4302
Dimensions (mm)	460 X 460 X 15	460 X 460 X 15	460 X 460 X 15
A/D Conversion (bits)	16	16	16
Data interface	Wired: GigE Wireless: 802.11 n/ac		
Energy Range (kVp)	40 ~ 150 kVp		

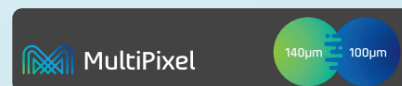
*Specifications are subject to change without notice



Glass-free detectors are designed to be light weight by replacing the glass panel with non-glass flexible panel. It relieves users' fatigue through weight reduction and provide higher durability, even in the occurrence of accidental drops and bumps.



Meet the next generation of X-ray automatic exposure detection with our AcuDetect technology. Our state-of-the-art silicon-based sensors are designed to detect individual photons, ensuring accurate and dependable identification of X-rays that have been exposed. Detectors equipped with AcuDetect reliably recognize X-ray at low dose, even for patients weighing nearly 140kg.



Until now, we had to choose between 140µm and 100µm digital X-ray detectors depending on the specific application and requirements of the site. However with the new MultiPixel technology, you can take advantage of both pixel pitches by switching modes on demand!



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