

RADIOGRAPHY PRODUCTS

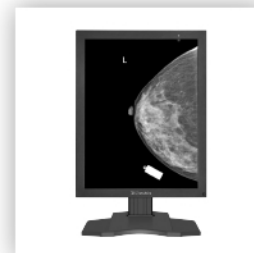
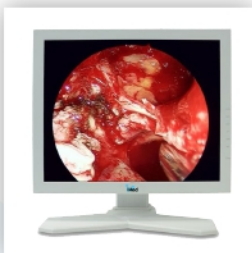
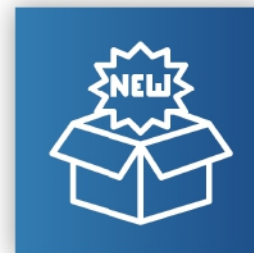
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MADE IN KOREA





WIRELESS-FLAT PANAL DETECTOR FOR DIGITAL RADIOGRAPHY



Stable and Reliable (AED)



High Image Quality



Efficient Work Flow

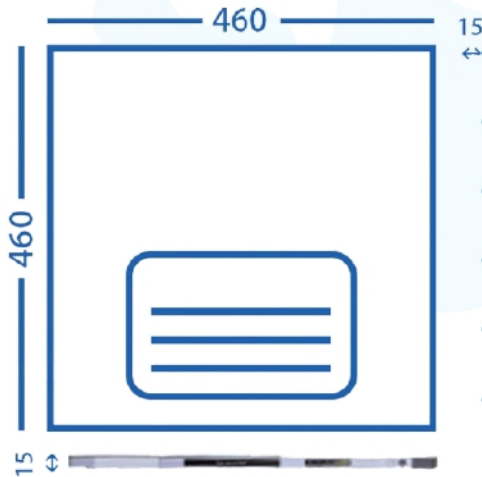


(a-si / IGZO TFT)



Standalone (Mobile Phone)

IMDRA SERIES



Reliable AED Function

- **Wired / Wireless Dual Function**
- **Meeting ISO4090 Cassette Size**
- **Standalone Mode Support**
- **Ingress Progress IP: 67-IR**
- **Drop Test : 100 cm**

(Approved under Warranty)

SPECIFICATION		IMDRAS-1417MC	IMDRAS-1717MC
Scintillator		CSI:TI (Direct)	
Sensor	Pixel Size Pixel Matrix Effective Area	140um, a-Si 3072x2560 358.40x430.08 mm	140um, IGZO 3072x3072 430.08x430.08 mm
Image Performance	Spatial Resolution ADC Resolution Grayscale MTF (@0.5p/mm) DQE (@0.1p/mm)	3.6lp/mm 16 bits . 65535 LSB 87% 74%	
Image Capture (Shot Mode)	Auto Expose Detection Standalone Internal Memory	Line Trigger Yes (32 GB), > 1500 Images	
Communication	Wired (SC Model) Wireless (MC Model) Image Transfer Time Shot Cycle Time	Basic: Wired Cable (10m Length) Ready - to - Optional: Giga Ethernet (1000 Base T) IEEE802.11 an / 2.4 or 5 Gbps AP / Stational Wired < 1 Sec / Wireless < 3 Sec Wired < 3 Sec / Wireless < 4 Sec	
Console S/W	Console S/W, Human (RaininView)	Desktop / Laptop : Windos 7/8/10 .. Mobile Phone : Android for Standalone	
Battery	Operation Time Charging Time Hot Swap (Optional)	1,050 Shots (Cycle Time 15 Sec), 6 hrs (Standby) 4 hrs < 1.3 min	
Mechanical	Weight Dimensions	3.4 KG 460x384x15 mm	3.5 KG 460x460x15 mm
Power and Environment	Power Consumption Temp/Humidity Load Weight	DC + 15v/< 34 Watt T(10- + 45) / H (20~75%) 200KG (440 lbs), Full / 100 KG (220 lbs), Local	

As a top global provider of innovative solutions, we deliver cutting-edge technological products that incorporate user-focused artificial intelligence. Our products boast high-quality imaging capabilities of up to 8MP, a lightweight design, dual battery systems with both external and internal options for service functions, and a state-of-the-art WIFI antenna engineered for an extended range to enhance operational efficiency.



Transfer at Lightning Speed (Flash Mode)

Rapid Transfer in Flashing Mode

The product features an advanced antenna design that facilitates remarkably rapid data transfer while ensuring robust signal reception in various environments.

Additionally, the integrated wireless communication technology adheres to the IEEE 802.11ac standard, which allows for cutting-edge transfer speeds. Notably, we are pleased to report that a complete image can be transmitted in just 3 seconds, positioning our product among the fastest available globally.



Intelligent Design For Hot Swapping and Capturing Images Promptly

Users can replace the battery at any time without interrupting operations, shutting down, or disconnecting the power supply from the system. Furthermore, our product ensures that the latest image is saved on the device before any shutdown, offering protection against unexpected events.



Innovative Technology That Challenges The Status quo

The products are designed with edges made from a material tailored for their specific operational settings. This material includes aluminum, which boosts durability, enabling it to absorb shocks during use and adjust to the effects of falls.



Cutting-edge Technology That Disrupts Traditional Norms

A newly developed cable type has been designed specifically for rapid image capture services. This cable facilitates the transition from conventional cables to HDMI, enabling the device to leverage this technology. As a result, the image capture speed has been optimized to an impressive 0.059 seconds, delivering 8K quality while also safeguarding users from the risks associated with traditional cables.



Safe Cleaning Mode (International Standard IP Rating)

The detector features an IP67 rating, guaranteeing its water resistance in line with international standards, making it easy and safe for users to clean.



Suitable Weight Construction

The device boasts a suitable weight design, weighing only 3.4 kg (1417) or 3.5 kg (1717), including the battery. This construction greatly enhances portability, making it easy to transport.

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ADDRESS OF LINES PRODUCTION:

MANUFACTURE ADDRESS:

29-79, Gajeongbuk-ro, Yuseong-gu, Daejeon 311

MANUFACTURED IN SOUTH KOREA, REPUBLIC OF KOREA (ROK)

Address of Gulf Scientific Office:

Suite 2401 Saeed2 Tower - Dubai World Trade Center District -
Sheikh Zayed Road - Dubai, UAE



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