

LOGOS IMAGING MONOS DR System

The MONOS system is a versatile, large format, high resolution imaging system that provides users an ideal system for multiple types of inspections. With two scintillator options, DRZ Fine (100 Micron*) and DRZ+ (160 Micron*), you have the option to select the best solution for your needs. The MONOS panel includes built-in wireless with a 50m range and an internal battery when a lightweight, extremely portable system is required. Adding the ASYRMATOS II interface allows users extended battery life and increased wireless range (up to 400m line of sight). Just like our other DR systems, the MONOS panel has an 0.3" (8mm) bottom border, is 0.7" (18mm) thin and is rated for CP and HF X-Ray sources up to 300kV.



Features:

- Fully Wireless Panel
- 0.3" (8mm) Bottom Border
- High Resolution and Sensitivity, 127 μm Pixel Size, 3.9 lp/mm
- IP53 Rating

Common Applications for the MONOS DR System:

- Oil & Gas
- Petrochemicals
- Aerospace
- Art & Technology
- Power Plants
- Munitions
- Castings

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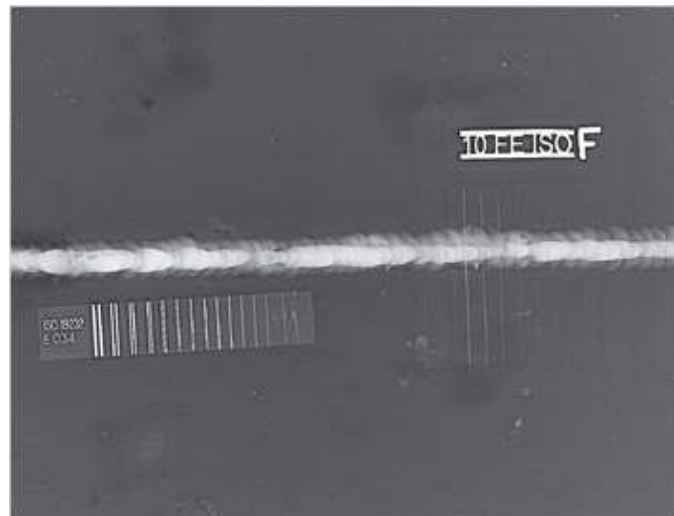
The MONOS DR System

The MONOS is available with multiple carrying case options. Users can choose to have a system, including X-Ray sources, packaged in a single Storm iM2950 case (choose wired or wireless configuration), 2 Storm iM2720 cases or a custom backpack.



In full wireless mode, the MONOS can operate for up to 2 hours on a single battery charge. The system includes two batteries for a total of up to 4 hours of operation on a single battery charge (additional batteries can be purchased to extend run time). Batteries are easily changed in the field and are charged with the supplied dual battery charger.

With a wireless range of 50m using only the PC or tablet internal wireless card and a USB dongle for X-Ray firing, users can work safely in almost any environment. All X-Ray firing and image acquisition functions are controlled up-range from our proprietary Logos Imaging Application, which can be installed on either a laptop or most Windows based tablets.



At 0.7" (18mm) thin and only 11.7 lbs (5.3kg), the MONOS system can be quickly deployed on target by a single person.



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Specifications:

Technology:	Amorphous Silicon with TFT
Scintillator:	Gadox
Pixel Area:	16.7" x 14.1" (42.3 x 35.8 cm)
Pixel Matrix:	3328 x 2816 pixels
Pixel Size:	127 μ m
Limiting Resolution:	3.9 lp/mm
AD Conversion:	16 bits
Communications Interface:	Wireless 2.4 GHz (5 GHz Optional) Wired LAN
Communications Range:	Wireless 50m or up to 400m with interface (using 2.4 GHz) Wired option 50m to 200m
Image Transfer:	Wired – 5 seconds Wireless – 9 seconds
X-Ray Energy Transfer:	40 – 330 kV
Weight:	11.7 lbs. (5.3kg)
Dimensions (panel):	18.7" x 15.7" x 0.7" (47.5 x 40.0 x 1.8 cm)
Power:	100 – 240 VAC, (50 – 60 Hz), 2A using included power supply 14.4V, 93 Wh, Li-Ion hot-swappable battery pack
Operating Temperature:	Wired: -4°F to 122°F (-20°C to 50°C) Wireless: 32°F to 104°F (0°C to 40°C)
Storage Temperature:	-4°F to 122°F (-20°C to 50°C)
PC Specs (Minimum):	Core i7 Processor, 4GB RAM, 500 GB hard disk, 14" 1600 x 900 display, Windows 7 Professional.