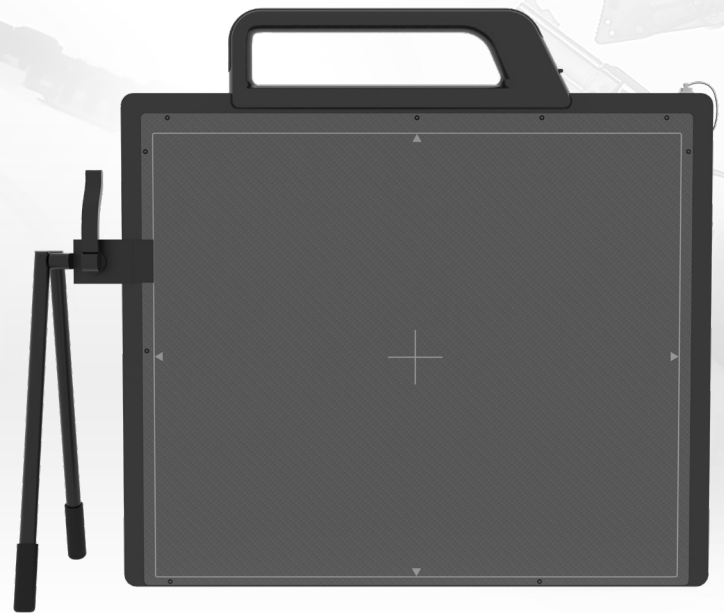# MÓNOS

The MÓNOS system is a versatile, large format, high resolution imaging system that provides users an ideal system for multiple types of operations. The MÓNOS panel includes built in wireless with a 50 m range and an internal battery when a lightweight, extremely portable system is required. Adding the ASÝRMATOS II interface allows users extended battery life and increased wireless range (up to 400 m line of sight). The MÓNOS panel has an 8 mm bottom border, is 18 mm thin, and is rated up to 330 kV.

MÓNOS DR System

The MÓNOS is available with multiple carrying case options. Users can choose to have the system, including X-ray sources, packaged in a single Storm iM2950 case, two Storm iM2720 cases, or a custom backpack. When configured with the Golden Engineering XR150 X-ray source and our custom backpack, the MÓNOS is Logos Imaging's lightest and most portable large format DR imaging solution.

In full wireless mode, the MÓNOS can operate for up to two hours on a single battery charge. The system includes two batteries for a total of up to four 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 50 m* users can work safely in almost any environment. All X-ray firing and image acquisition functions are controlled uprange from our proprietary Logos Imaging Application, which can be installed on either a laptop or most Windows based tablets.
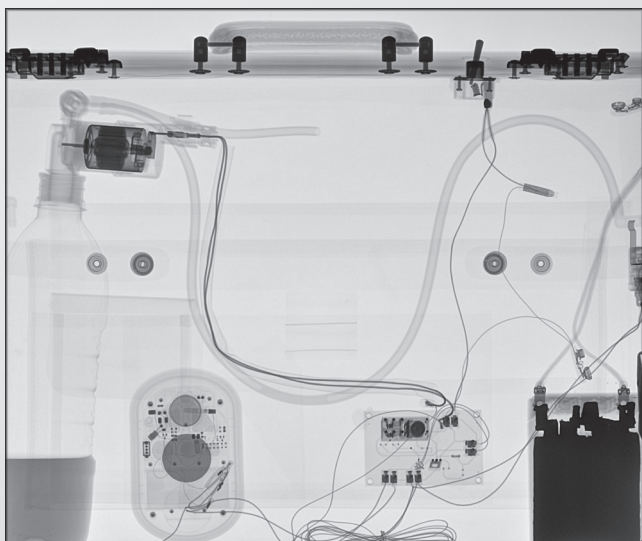
Line of Sight

Features

- *Fully Wireless Panel*
- *8 mm Bottom Border*
- *High Resolution and Sensitivity, 127 µm Pixel Size, 3.9 lp/mm*
- *IP53 Rating*
- *Greater than 60 mm Penetration in Steel using the XRS3*

Common Applications for the MÓNOS DR System:

- EOD/IEDD
- Forensics
- Customs
- Border Protection
- Event Security

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 µm
Limiting Resolution	3.9 lp/mm
AD Conversion	16 bits
Communications Interface	Wireless 2.4 GHz (5 GHz Optional) Wired LAN
Communications Range	Wireless 50 m or up to 400 m with interface* (using 2.4 GHz) Wired option 50 m to 200 m
Image Transfer	Wired - 5 seconds Wireless - 9 seconds**
X-ray Energy Range	40 - 330 kV
Weight	11.7 lb (5.3 kg)
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 14.4 V, 93 Wh, Li-Ion hot-swappable battery pack
Operating Temperature	-4° to 122° F (Wired) 32° to 104° F (Wireless) -20 to 50 C 0 to 40 C
Storage Temperature	-4° to 122° F -20 to 50 C
PC Specs (Minimum)	Core i7 Processor, 4 GB RAM, 500 GB hard disk, 14" 1600 x 900 display, Windows 7 Professional

* Line of Sight
** Estimated

At 18 mm thin and only 5.3 kg the MÓNOS system can be quickly deployed on target by a single person.

Contact Logos Imaging

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