

FLAT PANEL X-RAY SYSTEM MONOS



Flat panel 14" x 17"

Panel with built-in 50 m wireless communication system

Communication panel / computer with interface ASYRMATOS

wired - 50 à 200 m

radio - 400 m

Generator control
wired

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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). Just like our other DR systems, the MÓNOS panel has an 8 mm bottom border, is 18 mm thin, and is rated up to 330 kV.



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 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 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 uprange from our proprietary Logos Imaging Application, which can be installed on either a laptop or most Windows based tablets.

TECHNICAL DATA

Technology : Amorphous Silicon with TFT
 Scintillator : Gadox
 Pixel Area : 42.3 x 35.8 cm, 16.7" x 14.1"
 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, up to 400 m with interface (using 2.4 GHz), Wired 50m standard, option up to 200m
 Image Transfer : Wired 5 seconds, Wireless 9 seconds
 X-ray Energy Range : 40 - 330 kV
 Weight : 5.3 kg (11.7 lbs)
 Dimensions (Panel) : 47.5 x 40.0 x 1.8 cm (18.7" x 15.7" x 0.7")
 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 : -20 to 50 °C
 Storage Temperature : -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