

STENÓS

Logos Imaging's STENÓS is our lightest, and most rugged large format DR imaging system. We were the first to introduce a glass-free DR imager to the security market with the 6"x9" PRÓTOS, we followed with the 12"x12" XIRÓS, and now the 14"x17" STENÓS further continues Logos Imaging's commitment to the leading edge of DR imaging design.

The panel also offers the advantages of built in wireless communications and a removable battery that provides six hours of operation for situations where ultra-portability and 100 m wireless communications are desirable.



STENÓS DR System

The STENÓS glass-free design allows for the smallest borders of any 14x17 DR imager in the market at just 3 mm on one side. Coupled with the IP67 rated enclosure, this allows the STENÓS to stand apart from the 14"x17" competition in durability. This design provides users an undeniable advantage over competitive systems by providing a solution that stands up to the environmental challenges faced in real-world scenarios and by allowing nearly ground level imaging to be sure the threats are visible.

In full wireless configuration, the STENÓS system in a backpack weighs under 22 lb (10 kg). In this configuration, users can quickly assess items using the panel's internal wireless communication and a MAKRINÓS wireless X-ray trigger.

In environments where wireless communication is acceptable, the entire imaging system consists of only a flat panel detector, an operating PC, LIA Security software, carrying case, wireless control device, and a Golden Engineering Source. In full wireless mode, the STENÓS can operate for up to six hours on a single battery charge. The system includes two batteries for a total of up to twelve hours of operation on a single battery charge (additional batteries can be purchased to extend run time). With a wireless range of 100 m* users can work safely in almost any environment.

** Line of Sight*

Features

- IP67
- 3 mm Bottom Border
- High Resolution and Sensitivity, 140 µm Pixel Size, 3.5 lp/mm
- Glass-Free



Specifications

STENÓS DR SYSTEM

Common Applications for the STENÓS DR System:

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

Technology	Amorphous Silicon with TFT
Scintillator	Gadox
Pixel Area	14" x 17", 350 x 427 mm
Pixel Matrix	2560 x 3072 pixels
Pixel Size	140 µm
Limiting Resolution	3.5 lp/mm
AD Conversion	16 bits
Communications Interface	Wireless IEEE 802.11ac Wired LAN
Communications Range	Wireless 100 m or up to 1,600 m with long-range wireless option* (using 2.4 GHz) Wired option 15 m to 200 m
Weight	9.5 lb (4.3 kg)
Dimensions (Panel)	15.8" x 18.1" x 0.6" 402.5 x 460.0 x 15 mm
Operating Temperature	-4° to 122°F -20 to 50 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

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