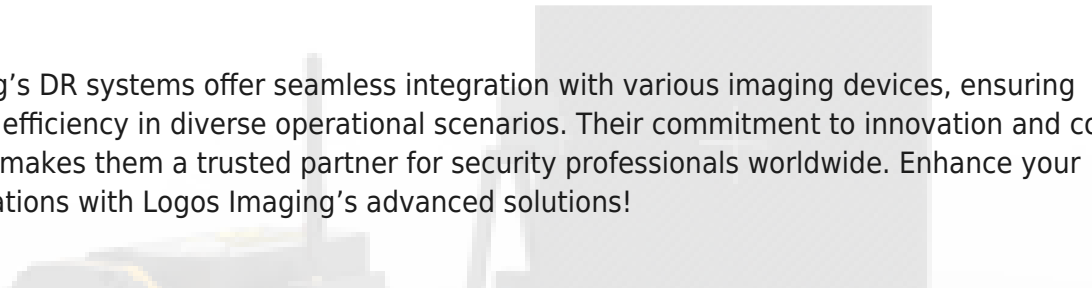# LOGOS IMAGING

peo DETECTION

Table of contents

Logos Imaging

Logos Imaging is a U.S.-based manufacturer specializing in portable digital radiography (DR) systems tailored for security applications. Their solutions are designed to provide rapid, high-resolution imaging in field environments, supporting critical operations such as threat detection and inspection.

Logos Imaging's DR systems offer seamless integration with various imaging devices, ensuring flexibility and efficiency in diverse operational scenarios. Their commitment to innovation and cost-effectiveness makes them a trusted partner for security professionals worldwide. Enhance your security operations with Logos Imaging's advanced solutions!

DIRECT RADIOGRAPHY SYSTEMS

peo **DETECTION**

SOSTÓS II Flat Panel System 10″x10″

Logos Imaging's SOSTÓS II system, with the glass-free SOSTÓS II flat imager, is our newest ultra-portable DR imaging system. The SOSTÓS II panel, with near ground-level imaging and 16-bit image clarity, makes it ideally suited for operations where space is limited. At just 2.8 lb and 0.6" thin, this is the smallest and lightest imager offered by Logos Imaging. The versatile SOSTÓS II fits into a custom backpack for easy deployment by a single operator.

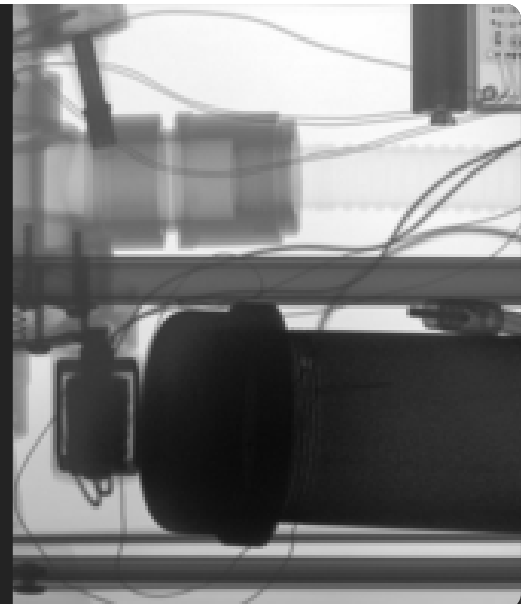|	
Technology	Amorphous Silicon with TFT
Pixel Area	10.1″ x 10.1″ (258 x 258 mm)
Pixel Resolution	1536 x 1536 pixels
Pixel Size	168 μm
Scintillator	Gadox
AD Conversion	16 bits
Dimensions (Panel Only)	11.14″ x 11.14″ x 0.6″ (283 x 283 x 15 mm)
Weight	Without battery – 2.4 lb (1.1 kg) With battery – 2.8 lb (1.3 kg)
Communications Range	Wireless 150 m with standard antenna Wired 25 m with standard cable reel Additional network options available

STENÓS Flat Panel System 14"x17"

The STENOS Flat Panel System 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"x8" PRÓTOS, we followed with the 12"x12" XIRÓS, and now the 14"x17" STENÓS with the 3543N panel 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 400 m wireless communications are desirable.

STENÓS Flat Panel System

- detector type: amorphous silicon with TFT
- detector area: 350 x 427 mm
- pixel resolution: 2,560 x 3,072 pixels
- pixel pitch: 140 μm
- scintillator: Gadox
- pixel depth: 16 bits
- dimensions (panel only): (402.5 x 460.0 x 15 mm)
- weight:
  - without battery 3.5 kg
  - with battery 3.9 kg
- communications range:
  - wired: 15 m to 200 m
  - wireless: 400 m or up to 1,600 m with long-range wireless option
    (using 2.4 GHZ)

If you want to read more about STENÓS, take a look at our partner's website.

XIRÓS II Flat Panel System 12"x12"

Logos Imaging's XIRÓS is our newest and most rugged small format DR imaging system. The XIRÓS 2929N panel's glass-free design allows for the smallest borders on the market at just 3 mm. The IP67 rated enclosure assures the XIRÓS durability. Ideally suited for dismounted EOD operations, the XIRÓS full wireless system in a backpack configuration weighs under 9 kg. The versatile XIRÓS with internal wireless communication is essential for users that want to quickly assess an item.

XIRÓS II Flat Panel System features

- detector type: Amorphous silicon with TFT
- detector area: 287 x 287 mm
- pixel resolution: 2,048 x 2,048 pixels
- pixel pitch: 140 μm
- scintillator: Gadox
- pixel depth: 16 bits
- dimensions (panel only): 320 x 320 x 15 mm, 1,9 kg
- communications range: wired: 25 m to 200 m
  wireless: 400 m or up to 1,600 m with long-range wireless option (using 2.4 GHZ)