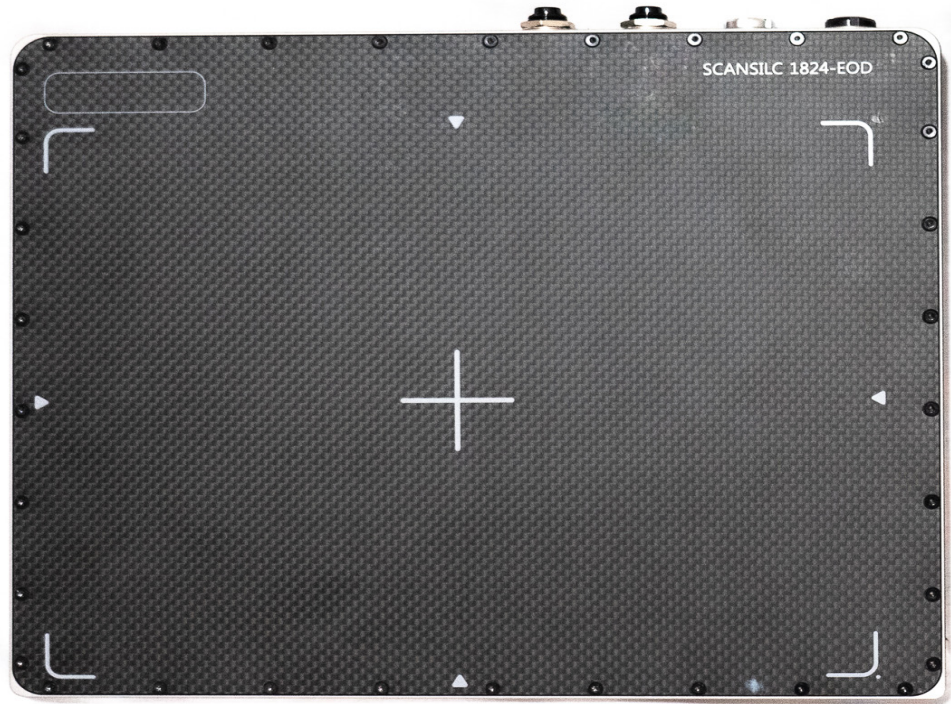


PRELIMINARY DATA



SCANSILC 1824-NDT

ULTRA PORTABLE X-RAY PANEL for NDT

The **SCANSILC 1824-NDT** is a super lightweight (3.75 lbs) rugged x-ray detector panel bringing ease of use, reliability and high quality results to industrial x-ray users.

The panel provides 16 bit, 76 micron, 6.5 lp/mm image resolution making it ideal for flaw and corrosion detection. Due to the high sensitivity of the panel, it is also well suited for moisture detection.

SCANSILC 1824-NDT is internally protected against impact and accidental drops (3 ft) and dust and water resistant to IP67. Connectors are IP68 standard.

Operate in sync mode with lightweight Golden pulsed x-ray generators with a direct cable (or wi-fi) connection and tablet. Operate in AED mode (Automatic Exposure Detection) with a CP or pulsed x-ray source.

Its inbuilt storage facility allows operators to quickly capture multiple x-ray images in sequence. Stored images can be downloaded in windows format for review on the companion tablet/laptop or large screen desktop pc



Technical Specifications

Model	1824 NDT
Sensor Type	Gadox
Resolution	2304 x 3072 pixels
Pixel pitch	76 µm
Dynamic Range	16-bit
Active area	18 X 24 cm [7.1" x 9.4"]
Dimensions (H x W x D)	265 x 215 x 21.8 mm (inc handle) [10.4" x 8.5" x 0.86"]
Weight	1.7 kgs [3.75 lbs]
Interface	Wired 1G Ethernet, Wireless: 5 GHz
X-ray Interface	Lossless AED (Auto Exposure Detection) or Synchronised Exposure
Battery Performance	6 hours (standby)/4 hours (operational)
Operating conditions	0 to 45°C [32 to 113°F], 30 to 85 % humidity
Protection level	IP67 (dust-tight and waterproof)
X-ray Source	Pulsed/CP



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