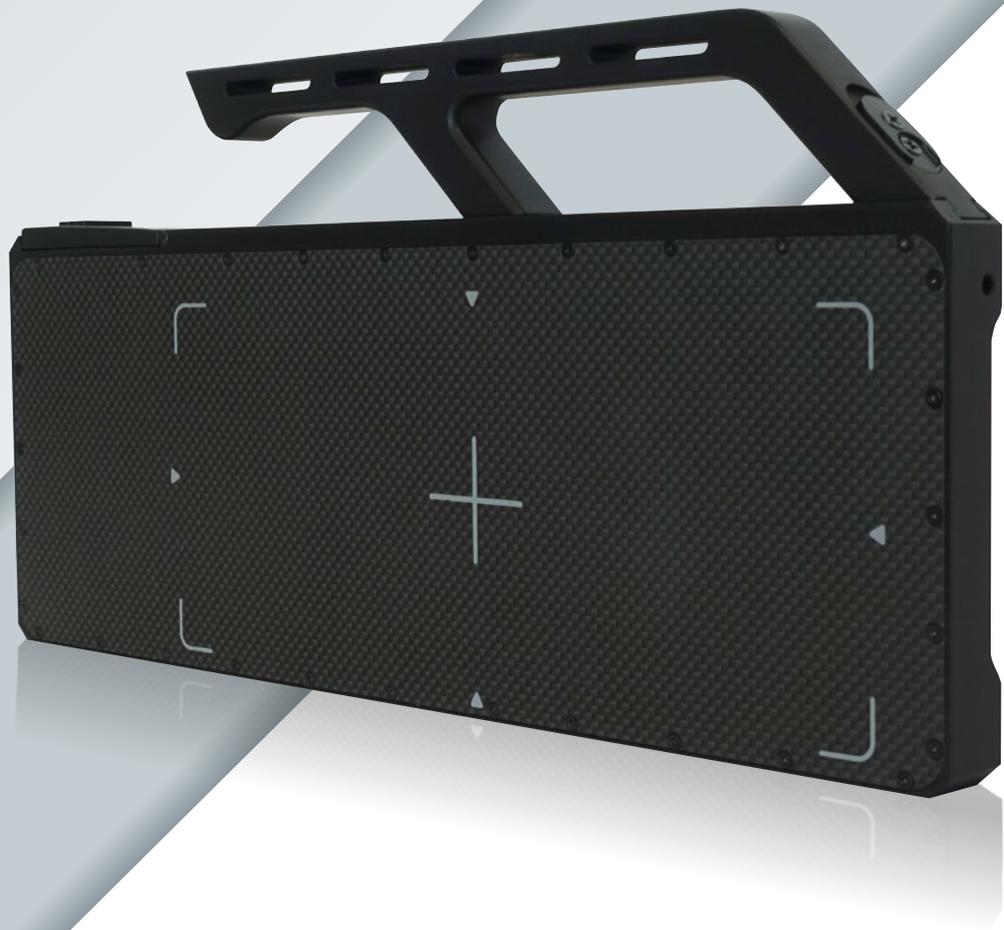


ROBUST & WIRELESS **DRC 1024 NDT**

HIGH-RESOLUTION FLAT PANEL DETECTOR



Digital Intelligence - Ready to Change.
www.duerr-ndt.com



Technical data

DRC 1024 NDT

Active area	97 mm x 233 mm (3.82" x 9.2")
Dimensions (H x W x D)	132 mm x 335 mm x 30 mm (without handle)
Weight	2.2 kg (4.9 lbs)
Number of pixels	1280 x 3072
Exposure time	0.5 s to 180 s
Image transfer time (wired/wireless)	1.9 s / 2.6 s
Max. energy	350 kV (for long life in typical applications), Isotopes (higher energies possible)
Pixel pitch	76 µm
Scintillator	GOS
ADC	16-bit
Interface	Gigabit Ethernet, WLAN: 2.4 GHz (802.11abgn) / 5 GHz (802.11ac)
Battery	Lithium-ion (11.25 V, 33.2 Wh)
Operating conditions	0 to 45°C (32 to 113°F), 30 to 85 % humidity
Protection level	IP67 (dust-tight and waterproof)
Housing	Aluminum frame, carbon-fiber entrance window
Software	DÜRR NDT D-Tect X
Scope of supply	Detector, 2 batteries, battery charger, Ethernet and power adapter cable

Important features

- ✓ High resolution 76 µm pixel pitch (6.5 lp/mm)
- ✓ Suitable for X-ray and gamma sources
- ✓ Equipped with an internal shielding for use up to 350 kV
- ✓ Extremely robust design with detachable carry handle
- ✓ Built-in wireless access point
- ✓ Connector for Gigabit Ethernet and power
- ✓ 1 meter drop test pass
- ✓ For stationary and mobile applications



The carry handle ensures secure handling, but is also detachable to allow the detector to be inserted into hard-to-reach areas such as inside a pipe.

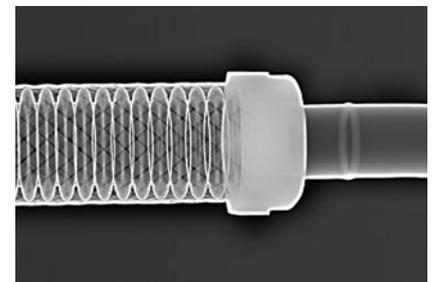


The battery can be changed quickly and easily. LEDs indicate the status of the connection type, battery and sensor.

Sample images



Thin-walled stainless steel cylinder with longitudinal weld seam.



Flexible engine hose line with circumferential weld seam.