NOVO
Digital **R**adiography

The Leaders in Portable X-Ray Systems

Rover II System

Why NOVO?

The most experienced team, In-House Research and Development, innovative technology, superb raw materials, we offer the best in every class:
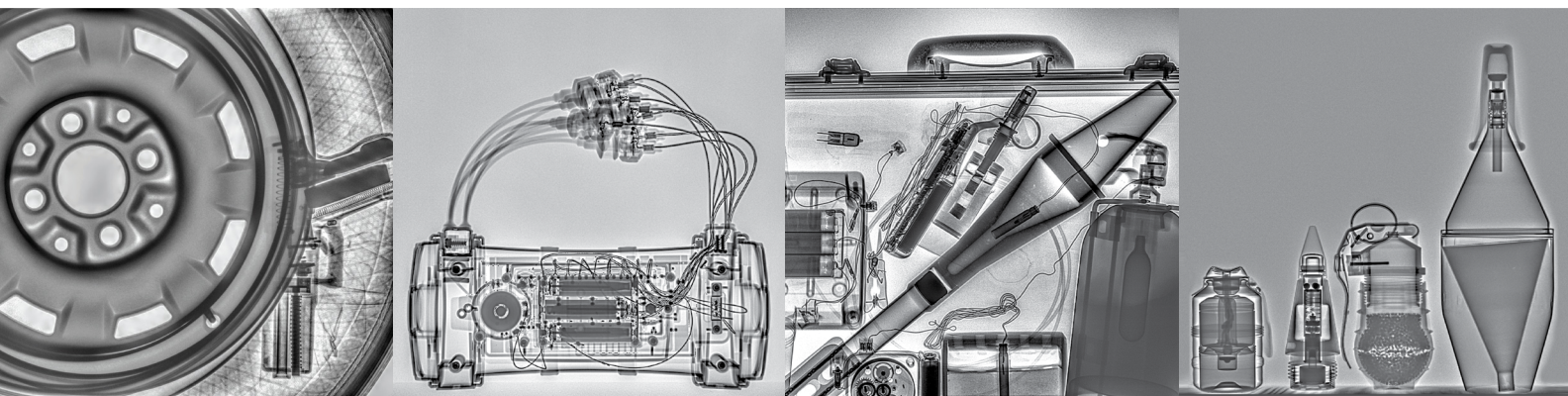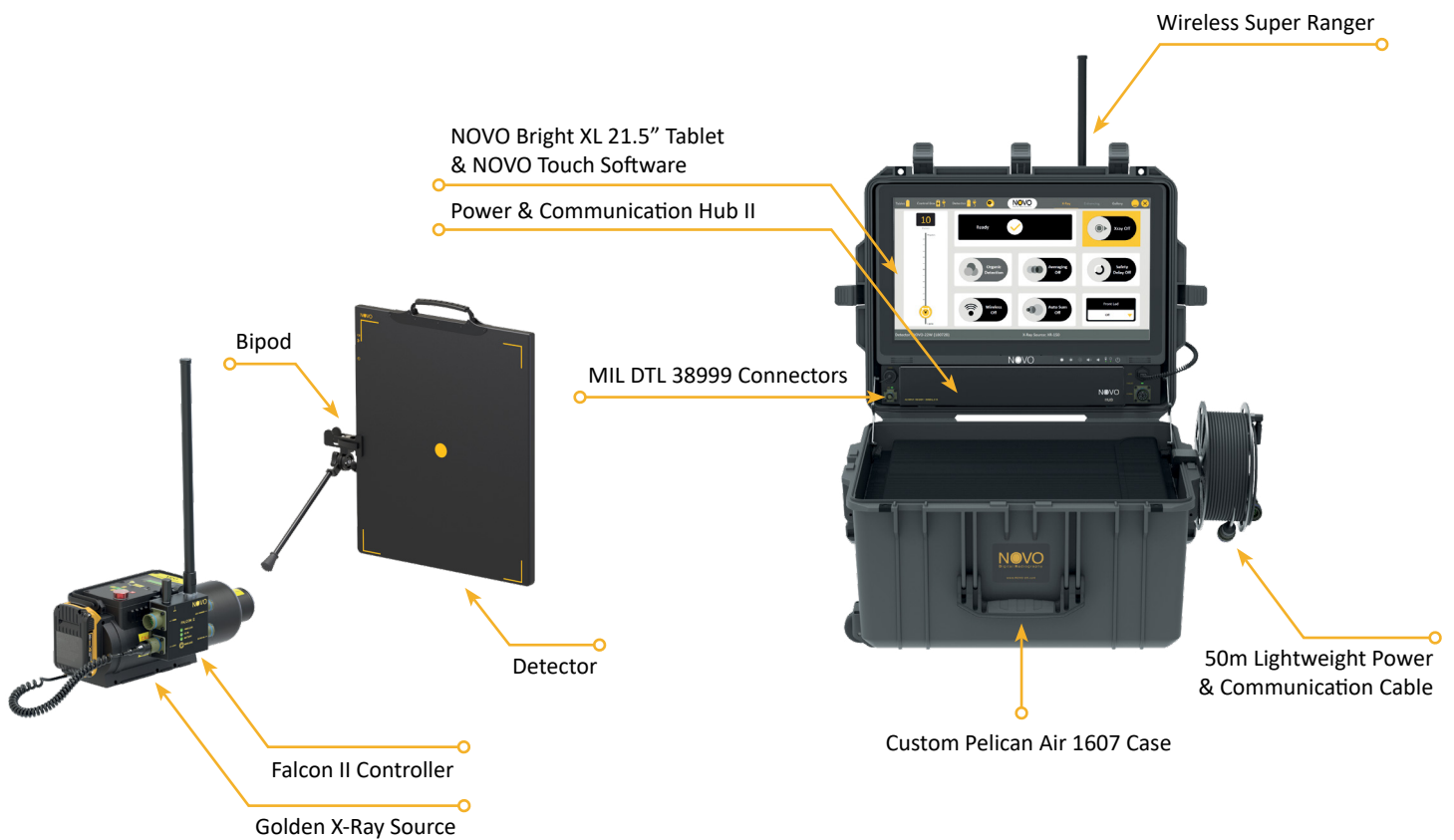
Image Quality

Reliability

Ease of Use

Professional Support

Rover II System

Wireless Super Ranger

NOVO Bright XL 21.5" Tablet
& NOVO Touch Software

Power & Communication Hub II

Bipod

MIL DTL 38999 Connectors

Detector

50m Lightweight Power
& Communication Cable

Custom Pelican Air 1607 Case

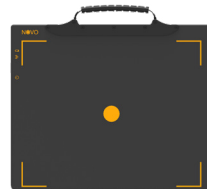Falcon II Controller
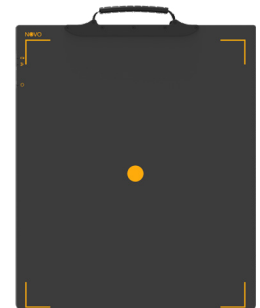
Golden X-Ray Source

Components

Detector Options

- Lightest in the market
- Unmatched image quality

NOVO 12SF
2.2 lbs. (1kg)

NOVO 15WS
3.5 lbs. (1.6kg)

NOVO 22WS
6.1 lbs. (2.8kg)

Detector Model	NOVO 12SF	NOVO 15WS	NOVO 22WS
Steel Penetration *	3.5" (90mm)	3.5" (90mm)	3.5" (90mm)
Detector Weight	2.2 lbs. (1kg)	3.5 lbs. (1.6kg)	6.1 lbs. (2.8kg)
Detector Load Proof	440 lbs (200kg)	660 lbs. (300kg)	660 lbs. (300kg)
Detector Imaging Area	6.75" x 10.1" (17.2cm x 25.8cm)	9.1" x 11.2" (23.1cm x 28.4cm)	13.9" x 16.7" (35.5cm x 42.6cm)
Detector Size	7.7" x 11.1" (19.5cm x 28.2cm)	10.6" x 12.9" (26.9cm x 32.9cm)	15.2" x 18.3" (38.5cm x 46.5cm)
Active Area (Imaging Area / Detector Size)	80% Active Area	74% Active Area	85% Active Area
Detector Drop Test	40" (100cm)	40" (100cm)	40" (100cm)
Detector Thickness	0.6" (15mm)	0.6" (15.6mm)	0.6" (15.6mm)
Bit Depth	16 bit latest generation	16 bit latest generation	16 bit latest generation
Connector	Magnetic Dual Direction Connector	Magnetic Dual Direction Connector	Magnetic Dual Direction Connector

* Tested with Golden XRS-3 at ~10" (25cm)

Components

Falcon II

- 2lbs (0.9 kg)
- Unlimited operation with AC (POE)
- 6+ hours Built-in Battery
- Wired/Semi Wired
- Wireless Up to 500m Line of Sight
- Supports All Golden Sources
- Quick connection to source
- MIL-DTL 38999 connectors
- Weatherproof design
- GPS
- LED Indications
- Supports Parallel Multi Location Control & Display
- Supports Golden On/Off & battery status info

* NOVO Control Box can be ordered instead of the Falcon II

Tablets *(Most popular)*

	NOVO Bright XL	NOVO Bright L	Panasonic Toughbook® CF-33	Panasonic Toughpad™ FZ-G1	Samsung S21
Screen Size	21.5"	17"	12"	10.1"	6.2"
Screen Resolution	1920 X 1080	1920 x 1200	2160 x 1440	1920 x 1200	2400 x 1080
Screen Brightness (NIT)	1500 (!) Super Brightness	1500 (!) Super Brightness	1200	800	850
Touch Screen	✓	✓	✓	✓	✓
Operating System	Windows 10	Windows 10	Windows 10	Windows 10	Android

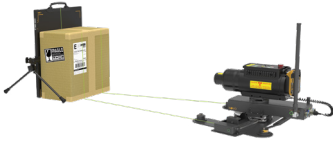**Additional tablets and laptops supported*

X-Ray Sources

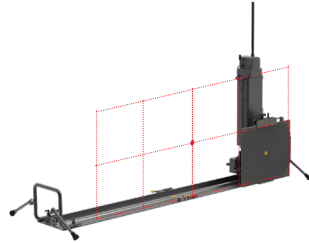|	Litex	XR150	XR200	XRS-3	XRS-4
KVP	120	150	150	270	370
Weight	5.6 lbs.(2.5kg)	5.9 lbs. (2.7 kg)	10.7 lbs. (4.8 kg)	11.8 lbs. (5.3 kg)	18.3 lbs. (8.3 kg)
Size	11.7" x 3.2" x 4.7" (29.9cm x 8.2cm x 12cm)	10.4'' x 3.5'' x 4.7'' (26.6cm x 9cm x 12.1cm)	10.7" x 4.3" x 5.8" (27.2cm x 10.8cm x 14.8cm)	14.2" x 4.3" x 5.8" (36.1cm x 10.9cm x 14.8cm)	19.3" x 4.8" x 7.1" (48.9cm x 12.2cm x 17.9cm)

Accessories

3D ARC
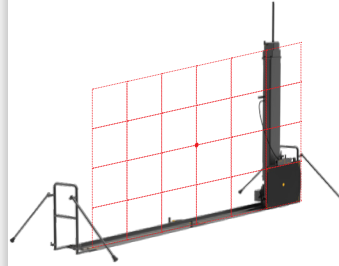3D Imaging with exact X, Y, Z measurements

Folding Slider L
Ideal for screening large objects

Folding Slider XXL
Super sized, ideal for screening XXL objects

Eagle
Extremely long range wireless transceiver up to 3.3km (2 miles) LOS

Extension Cables
Available at 50m, 100m and 150m for a total of 300m

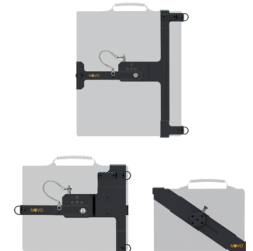### Armor
Additional mechanical protection to the Detectors

Soft Protective Cover
Additional weather & impact protection

Tripod Mount
Firmly holds the detector and provides various positioning options

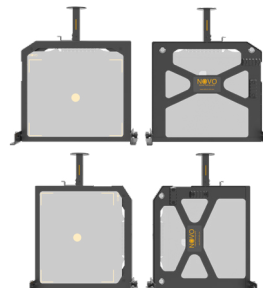### Lookout
Organic detection, live Video & Audio

Robot C-Arm
Detector and X-Ray Holder

Robot Detector Frame
Lightweight, shock absorbing

Wireless Super Ranger
Increases wireless distance and stability

Compatible with the XTK® Software