

The Leaders in Portable X-Ray Systems

Shadow III System



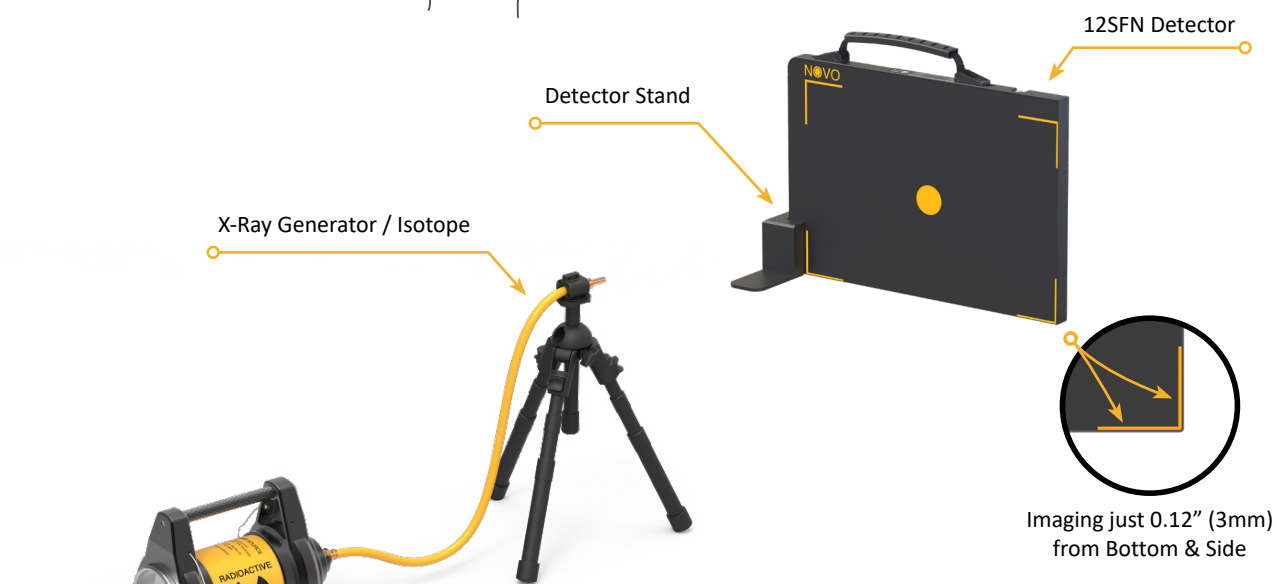
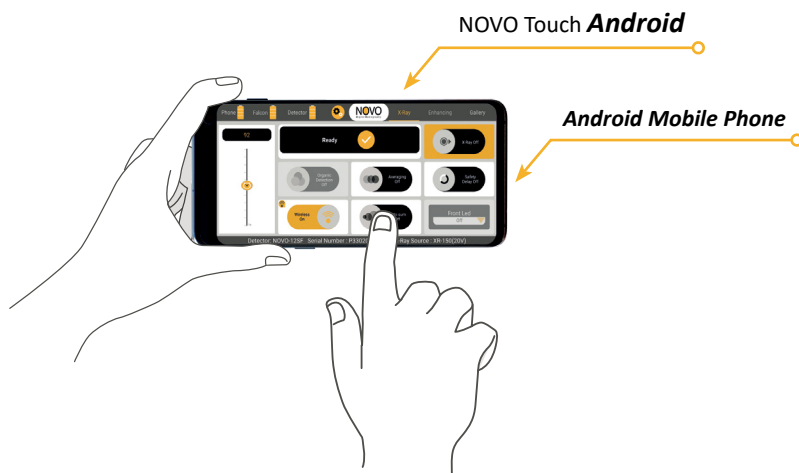
NOVO Mesh Technology -
Unmatched Wireless Performance



Ultra Compact System - Ideal for hard to reach locations

- Android Phone / Windows tablet operation
- 12SFN Detector - Detector weighs only 2.6 lbs. (1.2kg) with battery
- Imaging just 0.12" (3mm) from bottom & side
- Wired & wireless operation modes
- Full working system from ~8.8 lbs. (4kg), housed in one Backpack
- Includes NOVO Touch Pro full Software package + NOVO Touch Android App

System Overview



System Operation Modes

Android / Windows - Wireless & Wired Operation

Android Wireless Setup



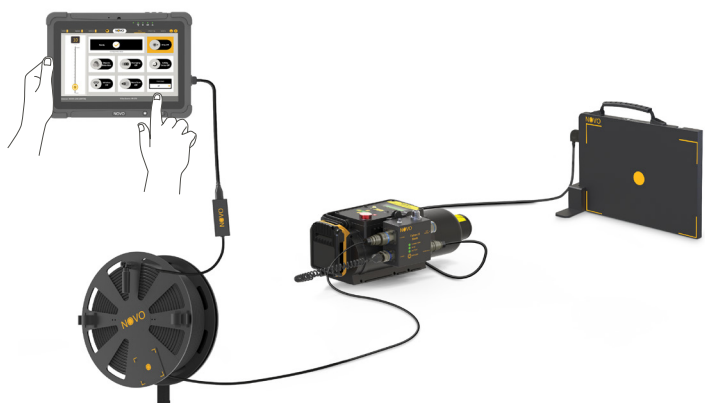
Android Wired Setup



Windows Wireless Setup



Windows Wired Setup



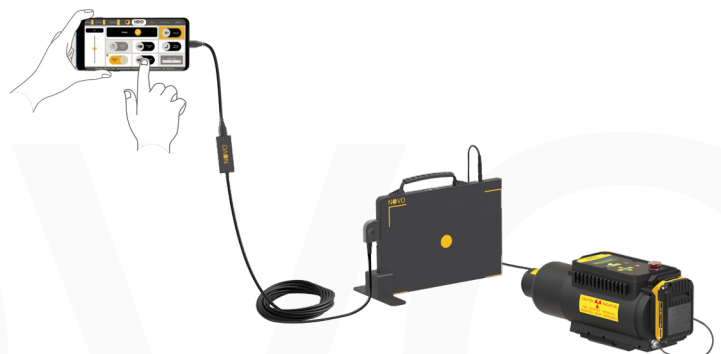
Optional

Automatic Exposure Detection (AED)

- No Mobile Phone / Tablet , no cables - take only Detector & Source to the job site!
- On-board internal memory enables saving up to 100 images
- Image acquisition starts immediately when Sensor detects radiation



Direct Wired Setup



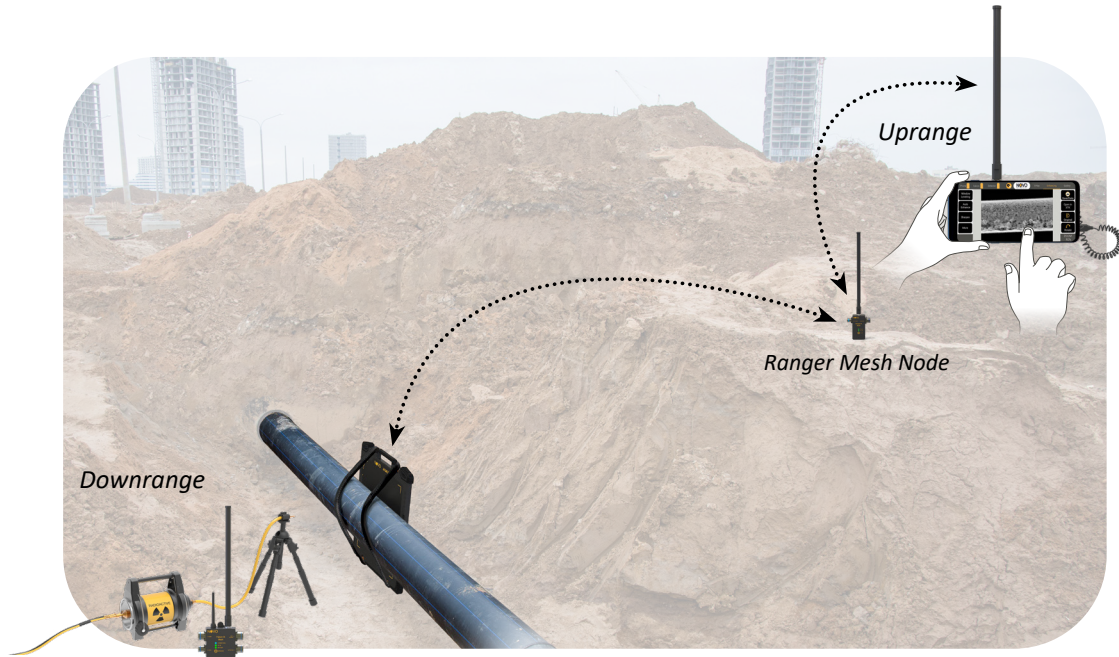
* Can be swapped with a Windows Tablet



NOVO Wireless Mesh Technology

Unique technology providing unmatched wireless performance:

- High signal stability in crowded RF environments, such as urban locations and areas with strong electromagnetic fields
- Up to 0.6 miles (1000m) LOS between wireless devices; longer range when elevating on tripods - up to 1.8 miles (3km)
- Multiple wireless devices allow for working “around corners”, obstacles and underground operations
- Each wireless unit becomes a relay (repeater), which automatically connects and automatically relays wireless signals efficiently



Components

Detector

- Lightest in the Market
- High Durability
- LCD Display

Detector Model	NOVO 12SFN
Bezel	0.12" (3mm) from bottom & side
Detector Weight (Including Battery)	2.6 lbs. (1.2kg)
Detector Load Tolerance	440 lbs. (200kg)
Detector Imaging Area	6.75" x 10.1" (17.2cm x 25.8cm)
Detector Size	7.7" x 11.1" (19.5cm x 28.2cm)
Detector Drop Test	31.5" (80cm)
Detector Thickness	0.6" (15mm)
Bit Depth	16 bit latest generation
Connector	Magnetic Dual Direction Connector
Life Span	Over 100K rem*



* Over 100K rem of direct exposure on the Detector

Components

Falcon III Mesh Controller

- Full control of industrial & Golden Generators
- MIL-DTL 38999 connectors
- Only 2 lbs. (900 grams)
- Unlimited operation with AC (POE)
- 6+ hours Built-in Battery
- Wired/Semi Wired /Wireless Communication
- Wireless Up to 0.6 miles (1000m) Line of Sight
- Controls All Golden Generators
- Weatherproof design
- LED Indications
- Supports Parallel Multi Location Control & Display



Tablets (Most popular)



	Samsung S22	NOVO Bright S	Panasonic Toughpad™ FZ-G2
Screen Size	6.1"	10.1"	10.1"
Screen Resolution	2340 x 1080	1920 x 1200	1920 x 1200
Screen Brightness (NIT)	980	1500 (!) Super Brightness	1000
Touch Screen	✓	✓	✓
Operating System	Android	Windows 10	Windows 10
Battery Operation Time at 800 NIT	10+ hours	6+ hours	5+ hours

**Additional tablets and laptops supported*

Components

X-Ray Generators

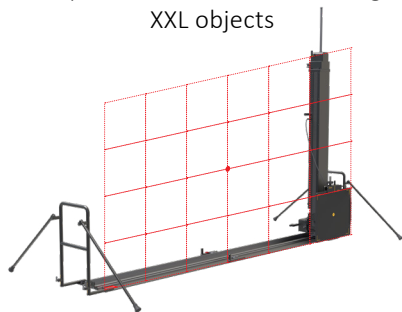


	Litex	XR150	XR200	XRS-3	XRS-4
KVP	120	150	150	270	370
Weight	5.6 lbs.(2.5kg)	5.9 lbs. (2.7 kg)	10.7 lbs. (4.8 kg)	11.8 lbs. (5.3 kg)	18.3 lbs. (8.3 kg)
Size	11.7" x 3.2" x 4.7" (29.9cm x 8.2cm x 12cm)	10.4" x 3.5" x 4.7" (26.6cm x 9cm x 12.1cm)	10.7" x 4.3" x 5.8" (27.2cm x 10.8cm x 14.8cm)	14.2" x 4.3"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

Folding Slider XXL

Super sized, ideal for screening
XXL objects

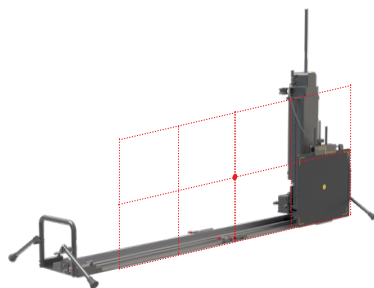


NOVO Mesh Technology



Folding Slider L

Ideal for screening large objects

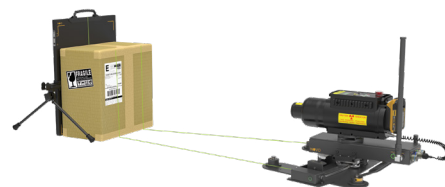


NOVO Mesh Technology



3D Arc

3D Imaging with
exact X, Y, Z measurements

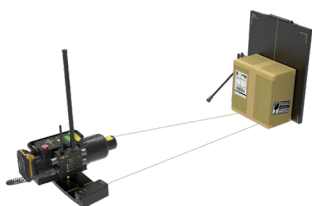


NOVO Mesh Technology



3D Arc Lite

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



Extension Cables

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



Armor

Super rugged detector
protection with multiple
mounting options



Soft Protective Cover

Lightweight impact,
heat and liquid protection



Diagonal Tripod Mount

Firmly holds the detector
and provides various
positioning options



Lookout

Organic detection,
live Video & Audio



Wireless X-Ray

Enables control of
X-Ray sources without
an X-Ray sync cable



C-Arm Frame

Detector adapter for
C-Arm, Manipulators and
Mechanical Systems

