

## The Leaders in Portable X-Ray Systems

# Ultimate II System

## Large Format Backpack System

- 12/15/22WN Detector options
- Wired & wireless operation modes
- 10" 1500 NIT touch handheld tablet / Android Phone
- MIL-DTL 38999 connectors
- Supports multi-tablet control & display
- 50m cable on a lightweight reel
- Includes NOVO Touch Pro full Software package



**NOVO Mesh Technology - Unmatched Wireless Performance**



**Improved Genie Algorithm - Now 4 times faster!**

**Windows Option:** NOVO Bright S 10" Tablet & NOVO Touch Windows Software



Wireless Ranger III Mesh (Node)

NOVO Detector

Bipod



Golden X-Ray Generator

Falcon III Mesh Controller

**Wired Operation:**

50m Lightweight Power & Communication Cable



Ultimate II Backpack\*

17" x 24" x 8.8"  
(43.5cm x 61cm x 22.5cm)

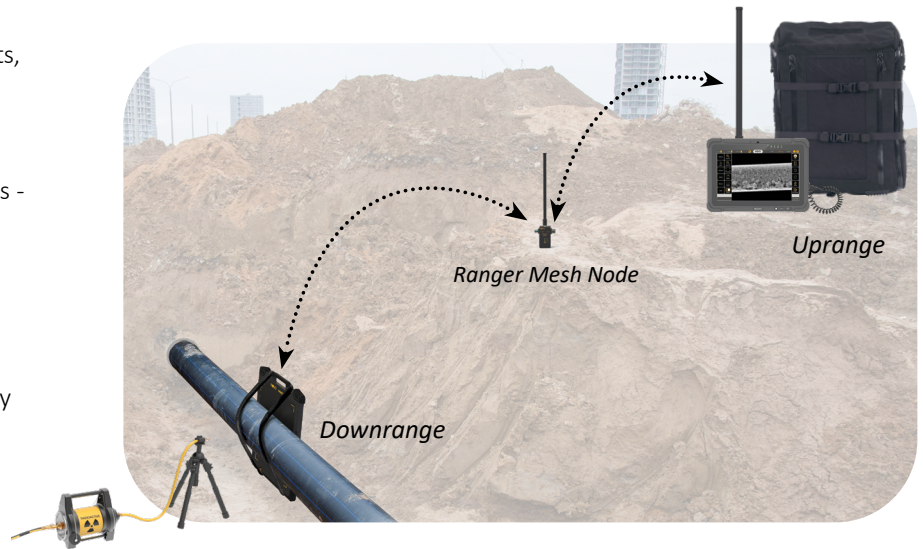
\* Smaller Backpacks Available



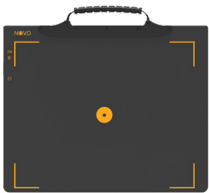
# NOVO Wireless Mesh Technology

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



### NOVO 15WN Detector

- Internally shielded - long life span
- High radiation resistance
- Low internal scattering - higher image quality

Detector Imaging Area	Detector Size	Active Area	Detector Weight (Including Battery)	Bit Depth	Detector Drop Test
9.1" x 11.2" (23.1cm x 28.4cm)	10.6" x 12.9" (26.9cm x 32.9cm)	74% Active Area	5.3 lbs. (2.4kg)	16 bit latest generation	20" (50cm)
Detector Load Tolerance	Detector Thickness	Steel Penetration*		Life Span	
660 lbs. (300kg)	0.6" (15.6mm)	3.5" (90mm)		Over 100K rem*	

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

## Tablets

(Most popular)



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

\*Additional tablets and laptops supported