

ADVANCED PRODUCT SPECIFICATIONS

Controller	Panasonic G2 Tablet
Data Storage Internal Memory	512 GB SSD, 16 GB
Display	10.1" WUXGA 1920 x 1200 Capacitive gloved multi touch + digitizer
Processor	Intel® Core™ i5-10310U vPro™ processor
Battery / Operation Time	10.8V, 6300mAh / 9.5 hours - typical usage
Operating Temperature	-20° C to 60° C (-4° F to 140° F)
Environmental	IP65
Durability	MIL-STD-810H
System	
Frequency	350 MHz
Sampling Rate	up to 500,000,000 samples/sec
Scan Speed	250 scans/sec
RF Noise Reduction Method	Patented Transmit Signal Dithering
Typical Range	12 ft / 6 m (media dependent)
Maximum Range	35 ft / 10 m (media dependent)
Horizontal Measurement (Precision)	0.8 cm (0.3 in)
Typical Vertical Measurement (Precision)	4.0 mm (0.16 in)
Communication Interface	WiFi or Ethernet
Antenna Orientation	Perpendicular Dipole
PRF	up to 1 MHz (regulatory environment dependent)
LineTrac AC Current Detection	Yes (optional)
Languages	English, French, Spanish, Portuguese, Chinese
GPS	Internal (Tablet) and External (Bluetooth)
Connectors	Rugged Ethernet, Survey Wheel
GPR - Battery / Battery Life	Lithium-Ion / 6 hour
Power Consumption	13.8 watts
Operating Temperature	-20° C to 40° C (-4° F to 104° F)
Storage Temperature	-40° C to 60° C (-40° F to 140° F)
Weight With Tablet & Battery	37 lbs (16.8 kg)
Dimensions (folded)	22 x 19.25 x 12.5 in (56 x 49 x 32 cm)
Environmental	IP65
Durability	3 Axis 30G shock tested, Vibration tested (20-2,000 Hz)
Software	
Display Modes	<p>Linescan Mode: Data displayed with option to show LineTrac overlay</p> <p>Map Mode: 2D data displayed in split screen view concurrently with GIS location map</p> <p>3D: Data displayed in user-defined 3-dimensional grid area</p> <p>Focus Mode: Filtered data display for closely-spaced targets</p>
Data Format	RADAN (.dzt)
Data Resolution	32-bit
Data Collection Speed	up to 3.5 mph (5.6 km/h)
Gain	Dynamic Gain Control (Variable Display Gain)
Real-time Filters	Band Filter
Depth Scale Calibration	Hyperbola Matching or Manual
Diagnostic	Status Indicators For: GPS quality, system battery, hard disk capacity, WiFi, LineTrac