

UtilityScan®

ADVANCED PRODUCT SPECIFICATIONS

Controller	Panasonic Toughpad FZ-A2	Lenovo Tab4 Plus
Data Storage Internal Memory	80 GB	64 GB
Display	10.1-inch WUXGA 1920x1200, Touch	8 inch, 1920x1200 LCD Touch
Processor	Intel® Atom x5-Z8550; Android 6.0.1	Qualcomm Snapdragon 265 (2.0 GHz)
Ports	USB 3.1 Type-C, USB A 3.0, HDMI output	Type C USB
Battery / Operation Time	Standard 4-hour, hot-swap battery	19.75 Watt hour / 3 hours
Operating Temperature	-28°C to 60°C (-20°F to 140°F)?	Consumer Grade
Environmental	IP-65	Consumer Grade
Durability	MIL-STD-810G	Consumer Grade
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/8 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	34 lbs (15 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		
Data Collection Modes	ScanEZ and ScanMax	
Data Format	RADAN (.dzt)	
Scan Density	Low: 12 scans/ft (40 scans/m) Medium: 18 scans/ft (60 scans/m) High: 24 scans/ft (100 scans/m)	
Data Resolution	32 bit	
Depth Ranges	3, 6, 9, 12, 15, 25, 35 ft (1, 2, 3, 4, 5, 8, 10 m)	
Data Collection Speed	up to 3.5 mph (5.6 km/h)	
Gain	Dynamic Gain Control (Variable Display Gain)	
Real-time Filters	Band Filter	
Display Modes	Linescan Mode: Data displayed with option to show LineTrac overlay Focus Mode: Data displayed in split screen view	
Depth Scale Calibration	Hyperbola Matching or Manual	
Diagnostic	Status Indicators For: GPS quality, system battery, hard disk capacity, WiFi, LineTrac	

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