

# UtilityScan<sup>®</sup>

## ADVANCED PRODUCT SPECIFICATIONS

Controller	Zebra L10 Rugged Tablet
Data Storage Internal Memory	128GB eMMC, 4GB
Display	10.1 inch, WUXGA 1920 x 1200 (16:10)
Processor	Qualcomm Snapdragon 660, Android
Ports	(2) USB 2.0, Type C USB, RJ-45
Battery / Operation Time	98 Watt hour / up to 12 hours
Operating Temperature	-20° C to 60° C (-4° F to 140° F)
Environmental	IP-65
Durability	MIL-STD-810G
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	<b>Low:</b> 12 scans/ft (40 scans/m) <b>Medium:</b> 18 scans/ft (60 scans/m) <b>High:</b> 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	<b>Linescan Mode:</b> Data displayed with option to show LineTrac overlay <b>Focus Mode:</b> Data displayed in split screen view
Depth Scale Calibration	Hyperbola Matching or Manual
Diagnostic	<b>Status Indicators For:</b> GPS quality, system battery, hard disk capacity, WiFi, LineTrac

Geophysical Survey Systems, Inc.

40 Simon Street • Nashua, NH 03060-3075 USA • [www.geophysical.com](http://www.geophysical.com)

