

PRODUCT SPECIFICATIONS

Data Collection & Asset Management

HC-100 with Vitals™

Processor and Memory		Yes	No	Specify
	<ul style="list-style-type: none"> 1.0GHz ARM Cortex A8 i.MX53 processor 	X		
	<ul style="list-style-type: none"> 512MB RAM; 8GB flash storage; User-accessible micro SD/SDHC slot 	X		

Display		Yes	No	Specify
	<ul style="list-style-type: none"> 4.3" WVGA LCD TFT (800 x 480) Sunlight readable backlit LCD Capacitive touch screen Scratch resistant glass screen 	X		

I/O Ports		Yes	No	Specify
	<ul style="list-style-type: none"> RS-232 9-pin D Connector-COM 1 USB A Socket (USB Host) USB Micro-B Socket (USB Client) 5.5 mm x 2.1 mm Center Positive 12/24 VDC Input 3.5 Audio Jack Dock Port (Ethernet, USB Client, Power Input) 	X		

Wireless Connectivity		Yes	No	Specify
	<ul style="list-style-type: none"> Bluetooth™ wireless technology, 2.1 +EDR, Class 1.5 WiFi 802.11b/g/n with extended range 	X		

GPS/GNSS		Yes	No	Specify
	<ul style="list-style-type: none"> High-sensitivity GPS/GLONASS/SBAS receiver 2-5 Meter typical accuracy 32 tracking channels 	X		

Camera		Yes	No	Specify
	<ul style="list-style-type: none"> 5 megapixel resolution Geotag photos with date, time and GPS position 	X		

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Ruggedness		Yes	No	Specify
	<ul style="list-style-type: none"> IP 68 waterproof and dustproof Durable hardened plastic enclosure Withstands multiple 5 foot (1.5 meter) drops Easy to grip impact absorbing bumpers Operating temperature: -22F to 140F (-30C to 60C) 	X		

Physical Specifications		Yes	No	Specify
	<ul style="list-style-type: none"> Standard size: 3.6" w x 7.25" l x 1.5" d (9) mm x 184 mm x 38 mm) Weight: 1.3lbs (590 g), with battery 	X		
	<ul style="list-style-type: none"> 12, 24 VDC input, 10-36V unregulated 	X		
	<ul style="list-style-type: none"> Intelligent Li-Ion battery 3.7VDC @ 10600mAh, 38.16Whr Operates for up to 20 hours on one charge Charges in 2 to 4 hours 	X		

Software		Yes	No	Specify
	<ul style="list-style-type: none"> Vitals Microsoft™ Windows Embedded Handheld 6.5.3 Microsoft Office Mobile Suite 2010™ Multiple Languages (English, French, Spanish, German, Portuguese) 	X		

Optional		Yes	No	Specify
	<ul style="list-style-type: none"> Optional Desktop Dock Optional 3 Year Protection Plan 			