e-survey

UT50
Ruggedized
Mobile Solutions

The UT50 uses industry-leading protection technology and a high brightness electromagnetic screen to overcome a variety of harsh environments. A variety of interfaces and extensions are available to enable a wide range of industry and engineering applications. The UT50 is your reliable partner to achieve your goals.

10.1 inch
high brightness electromagnetic screen
The UT50 is equipped with a 10.1-inch high 800 lumens bright display, and it is clearly visible in the sun and easily overcomes a variety of harsh environments. The electromagnetic stylus can be configured to achieve precise touch of the device.

High performance processor
With the 6th generation Intel Skylake Core i5 processor, it can reduce the rate of power consumption for the product while ensuring high processing power, and carry out multi-tasking efficiently.

Dual battery design,
uninterrupted power supply
Dual-battery power supply, hot-swappable design, help you achieve operational time, uninterrupted engineering work, users can replace the battery without shutting down the device.

Built-in GNSS and other sensors
Standard GNSS positioning module supports Beidou/GPS/-GLONASS multi-system positioning, built-in speedometer, compass, fingerprint sensor and other sensors to meet a variety of application scenarios.

Front and rear-facing cameras
With front FHD camera and rear 8MP camera, users can easily take photos, video and organize video conferences.

Unlimited possibilities
The product has a reserved expansion slot, the user can use it to expand RS232, long distance WIFI and QR Code scanning to expand your devices possible applications.

Ultimate protection, solid as a rock
The UT50 is made of a magnesium alloy body, fully rugged design, the protection grade is up to IP68, resistance to 1.2m drop, and performance conforms to MIL-STD-810 G, MIL-STD-461F certification standards.

Product Specification

Physical		Interfaces	
Model	UT50	I/O Ports	USB3.0 9-pin x 1
	10.1" Fully Rugged Tablet		USB2.0 4-pin x 1
Processor	Intel® Core™ Skylake i5-6200 processor		HDMI Type-A x 1
	2.3GHZ up to 2.8GHZ(with turbo boost)		Audio Jack 3.5mm Headphone
	3MB Intel Smart Cache		Mic-in Combo x 1
Operating System	Microsoft™ Windows™ 10 Enterprise 64bit		DC in Jack x 1
Memory	8GB RAM		I/O Expansion - Pogo 12-pin x 1
Storage	128GB SSD		Docking Connector - Pogo 35-pin x 1
MicroSD Slot	Yes	**Connectivity**	
Dimensions Resolution	10.1"	Cellular	WWAN (Sierra)
	1280x800		Single SIM (Nano)
Display	Sunlight-Viewable	Wireless LAN	Wi-Fi™ 802.11 a/b/g/n/ac
	10 finger capacitive touchscreen	LAN	Yes
	Support wet hands and gloves operation	Bluetooth	4.2
Camera		NFC	Yes
Rear	8MP	**Power**	
Front	2MP	Battery	2900mAh x 2
Sensors		Technology	Hot Swap
GNSS	72 ch u-blox M8N L1 GPS	**Security**	
	GLONASS/BeiDou/Galileo	Security Features	TPM V2.0
Accelorometer	Yes		Kensington® Lock slot
Ambient Light	Yes	**Body**	
Proximity	Yes	Dimensions & Height	Size: 294mm x 198mm x 21.5mm
Gyroscope	Yes	Weight	1.54kg (Including 2 batteries)
Compass	Yes	**Rugged Features**	
Barometer	No	IP Rating	IP68
Hall	Yes	Drop Tested	1.2m drop resistant
Fingerprint	Yes	MIL-STD	MIL-STD-810G
			MIL-STD-461F
		Enviromental Specification	
		Operating Temperature	-20°C ~ 55°C
		Storage Temperature	-40°C ~ 70°C
		Certifications	
		Certificates	FCC, IC, CE, RoHS