



Specifications

UG905 Professional

System		Google Android 5.1.1 Qualcomm, MSM8939, 8 core, 1.5GHz
GNSS	Satellite Constellation	BDS, GPS, GLONASS, Supports SBAS ⁵
	Channel	72
	Positioning Mode	BDS / BDS+GPS / GPS+GLONASS
	Positioning Precision ⁴	Autonomous: 2-5m SBAS: 1-3m
	Update Rate	1Hz
Storage	RAM	2GB
	Memory ¹	32GB, Expandable up to 128GB with Micro SD
Communications	I/O	USB Type-C, External antenna connector
	Cellular Network	LTE-FDD / LTE-TDD / TD-SCDMA / WCDMA / GSM / CDMA
	Others	13.56Mhz RFID, WiFi, Bluetooth ²
Display	Size	8" Capacitance multi-touch screen
	Resolution	1280 X 800 visible under strong light
Environmental	IP Rating	IP67
	Drop Proof	1.2m
	Operating Temperature	-20°C ~ +60°C
	Storage Temperature	-30°C ~ +70°C
Sensor and Multimedia	Sensor	Electronic compass, barometer, accelerometer, light sensor, proximity detector, gyroscope
	Camera	13MP rear with flash, 2MP front
	Audio	Integrated microphone and speaker, 3.5mm headphone jack
Physical	Dimension	241.92mm X 151.99mm X 17.76mm
	Buttons	2 volume buttons, 2 custom buttons, power button, reset button, 3 Android standard keys
Battery	Capacity	3.8v, 8400mAh
	Battery Life ³	12 hours
	Others	Quick charging 2.0

- 1.The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade applications on the device.
- 2.Bluetooth, wireless LAN and cellular type approvals are country specific. For other countries, please consult your local Reseller.
- 3.With Enhanced Capacity Battery. Using wireless technology, such as Bluetooth or wireless LAN will consume additional battery power. Backlight setting at 70% brightness.
- 4.Horizontal Root Mean Square accuracy, ionospheric conditions, multipath signals or obstruction of the sky by buildings or heavy tree canopy may degrade precision by interfering with signal reception.
- 5.SBAS (Satellite Based Augmentation System). Includes WAAS (Wide Area Augmentation System) available in North America only, EGNOS (European Geostationary Navigation Overlay System) available in Europe only, and MSAS available in Japan only.

Specifications subject to change without notice.

UniStrong

UG905 Professional

Rugged Smart Tablet



www.UniStrong.com



High Efficiency and Low Power Consumption Processor

UG905 uses the Qualcomm Snapdragon processor, Cortex-A53 architecture 8-core 64 bit, 405 GPU that provides high performance and low power consumption.



Full GNSS Constellation, High Precision

Built in GNSS module supports BDS, GPS & GLONASS. It also supports CORS network solution to achieve sub-meter positioning accuracy.



IP67 Protection

To meet the harsh environment conditions, UG905 is IP67 rated with rugged enclosure to protect the device from dust and rain without the need for an additional protective case.



New and Innovative Technologies

With more than 20 years of experience in the industry, we understand our users' requirements well. We are constantly exploring new and innovative technology to offer the best, ease of use products to our users.

Industry Applications



GIS



Power Utilities



Law Enforcement



Forestry Survey



Cadastral Survey



City pipelines



Gas and heating pipes



Aerial Survey

Download and install thousands of apps available from the Google Play Store. Run customized apps unique to your organization to work on different applications.

Key Features



A totally new experience with U-Pen

High Resolution Touch Screen Display, Pin-Point Accuracy U-Pen Stylus

8 inches of high resolution capacitance touch screen display. U-Pen stylus offers pin-point accuracy without leaving fingerprints behind. It is very helpful for quick memo taking, photo editing and other drawing related applications.



Quick Charge 2.0

Quick Charge 2.0 technology helps in getting your device fully charge quickly.



USB Type-C, The Future

USB Type-C Interface

USB Type-C interface design supports reversible connection. Tested to withstand 10,000 times connections which is almost twice the life span of ordinary USB port. Cable is specially reinforced to with durable material.



Long Battery Life

8,400mAh large capacity removable Lithium-ion battery enables UG905 to work for at least 12 hours.

Android 5.1.1 OS inside

Android 5.1.1 system optimizes processes efficiently and low power consumption materials used to prolong usage time.

