

# UniStrong



# A5

## *Rugged Handheld*

A powerful smartphone, a GNSS handheld and a field tool in one rugged, lightweight device



IP67



RFID



Super-sensitive Touch



Full Satellite Constellation



Precise Positioning



GIS Apps



LTE



Android OS



Mass Storage



HD Camera



## A5 Product Features

### A smartphone for daily use

Supports LTE/4G network for clear voice call and ultra-fast internet access

Android OS 5.1.1 "Lollipop"

Thousands of apps available for download from the Google Play Store

Run customized apps unique to your organization

### A GNSS handheld for data collection

Provides up to 2-5 meters positioning accuracy in standalone L1 GNSS mode

Supports Beidou, GPS+Beidou, GPS+GLONASS tracking mode as well as SBAS capabilities to improve positioning accuracy

Pre-installed with Unistrong Mobile GIS data collection software

### A reliable tool in the field

IP-67 rated rugged enclosure protects the device from dust and rain without the need for an additional protective case

Large, bright 5.3 inch high resolution display readable even in strong sunlight

User-replaceable battery in standard (3100mAh) capacity lets you work all day

Takes high resolution geo-referenced photos

Built in electronic compass to guide your way

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.

## A5 Specification

System		Google Android 5.1.1
		Quad core, 64 bits 1.2GHz
GNSS	Satellite Constellation	BDS, GPS, GLONASS, Supports SBAS <sup>5</sup>
	Channel	72
	Positioning Mode	BDS / BDS+GPS / GPS+GLONASS
	Positioning <sup>4</sup> Precision	Autonomous: 2-5m SBAS: 1-3m
	Update Rate	1Hz
Battery	Voltage	3.7V
	Capacity	3100mAh
	Battery Life <sup>3</sup>	8hours
Storage	RAM	2GB
	Memory <sup>1</sup>	16GB, Expandable up to 64GB with Micro SD
Communications	I/O	USB 2.0, External antenna connector
	Cellular Network	LTE-FDD / LTE-TDD / TD-SCDMA / WCDMA / GSM / CDMA
	Others	13.56Mhz RFID, WiFi, Bluetooth <sup>2</sup>
Display	Size	5.3" Capacitance multi-touch screen
	Resolution	1280 X 720 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	164.6mm X 85.99mm X 15.2mm
	Buttons	2 volume buttons, 2 custom buttons, power button, reset button, 3 Android soft keys buttons