



UT12

6" Rugged Android Handheld

IP68 certificated, UT12 is designed for anyone who works in harsh environments. User never feels tired with the ergonomic design. The battery handles whole day's work for different kinds of applications. UT12 is suitable for outdoor work such as survey, GIS, retail, logistics, monitoring.

High Performance CPU

Equipped with octa-core 2.2 GHz processor and Android 8.0 system, UT12 brings with smooth experience.

High Resolution Screen

The 6-inch screen with 1920 x 1080 resolution makes UT12 a high-fidelity device. 450-nits brightness makes it Sunlight view able.

Long-time Operation

The 8000 mAh rechargeable and replaceable battery ensures whole day's work without interruption. Quick charge 3.0 brings you fast charging experience.

Dual SIM Cards with 4G Network

UT12 supports dual Nano SIM cards with 4G network. You can use it for work and life anytime, anywhere.

GNSS Constellation Supported

Build-in U-blox GNSS module supports GPS, BDS and GLONASS. For a better signal acquisition, the external antenna is supported.

Large Memory Storage

UT12 has 32 GB internal storage to support large data access. It also supports SD card expansion up to 128 GB.

Powerful Extension Function

The pogo pin makes UT12 a powerful device for different kinds of applications. It is able to connect to external scanner and other modules as you want.

Rugged Design

UT12 is IP68 certificated as a rugged device. It survives a 1.5 m drop on concrete floor and passes the MIL-STD-810F, MIL-STD-461F certifications.

Product Specification

System			
Processor	Qualcomm MSM8953 Octa-Core, 2.2GHz	Pogo pin	Support OTG and headphone 14 pins
OS	Android 8.0	Power Supply	
RAM	4 GB	Battery	Rechargeable and replaceable Lithium-ion battery, 3.8 V, 8000 mAh
ROM	32 GB	Working	Up to 15 hours ¹
GMS	Support	Charge	Qualcomm quick charge 3.0
Screen		Safety Lock	With battery safety lock
Screen Size	6"	Sensor	
Resolution	1920 x 1080	NFC	Yes
Density	480 dpi	Speaker	Yes
Brightness	450 nits	Microphone	Yes
Touch Panel	Capacitive	Light	Yes
Camera		Proximity	Yes
Rear	13 MP	Magnetometer	Yes
Front	5 MP	Gyroscope	Yes
Flash Light	Support	Barometer	Yes
Auto Focus	Support	Accelerometer	Yes
GNSS		Gravity	Yes
Channels	72, U-blox M8N, L1	Compass	Yes
Tracking	GPS/BDS/GLONASS/ GPS + BDS/GPS + GLONASS	Physical	
SBAS	Support	Dimension	191.6 x 91 x 14.5 mm
Accuracy	Single: 1 ~ 3 m SBAS: 0.6 m	Weight	375 g with battery 230 g Without battery
External Antenna	Support, Female MMCX	Operating Temperature	-20°C ~ +60°C
Communication		Storage Temperature	-40°C ~ +70°C
GSM	GSM/WCDMA/LTE 2 x Nano SIM	Water/Dust Proof	IP68
Call	Support	MIL-STD	MIL-STD-810G MIL-STD-461F
SMS	Support	Shock	Survive a 1.5 m drop on concrete floor
WIFI	802.11 a/b/g/n/ac	Humidity	95%
Bluetooth	4.1	Buttons	PTT, volume +/-, power, 3 x FN
SD Card	Support, up to 128 GB	Keyboard	Virtual keyboard Virtual home, return, menu keys
USB	1 x USB Type-C	Certificate	FCC, IC, CE, RoHS, REACH, WEEE

1. The actually working time depends on the temperature and the running software.



SV Company doo
Obilićeva bb Trn - Laktaši
Tel: 065 306 002
E-mail: geod.oprema.bl@gmail.com

Produced by
 e-survey