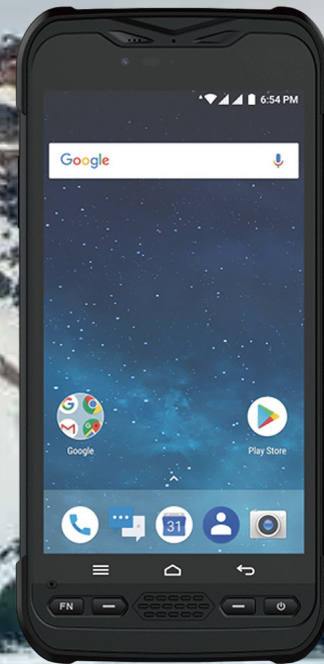




# UT12P

## 6" Rugged Android Handheld

IP68 certificated, UT12P 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. UT12P 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 10.0 system, UT12P brings with smooth experience.

### High Resolution Screen

The 6-inch screen with 1920 x 1080 resolution makes UT12P a high-fidelity device. 450-nits brightness makes it Sunlight viewable.

### 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

UT12P supports dual Nano SIM cards with 4G network. You can use it for work and life anytime, anywhere.

### GNSS Constellation Supported

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

### Large Memory Storage

UT12P has 64 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 UT12P a powerful device for different kinds of applications. It is able to connect to external scanner and other modules as you want.

### Rugged Design

UT12P 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 Pro Octa-Core, 2.2GHz
OS	Android 10.0
RAM	4 GB
ROM	64 GB
GMS	Support
Screen	
Screen Size	6"
Resolution	1920 x 1080
Density	480 dpi
Brightness	450 nits
Touch Panel	Capacitive
Camera	
Rear	13 MP
Front	5 MP
Flash Light	Support
Auto Focus	Support
GNSS	
Tracking	GPS/BDS/GLONASS/Galileo
Accuracy	Single: 1 ~ 3 m
External Antenna	Support, Female MMCX
Communication	
4G	TDSCDMA: B34/B39 WCDMA: B1/B2/B4/B5/B8 GSM :B2/B3/B5/B8 CDMA1x/CDMA2000 BC0/BC1 2 x Nano SIM
Call	Support
SMS	Support
WIFI	IEEE 802.11 a/b/g/n/ac (Dual Band 2.4 & 5GHz) FDD-LTE B1/B2/B3/B4/B5/B7/B8/B12/ B13/B20/B25/B26/B28a TDD-LTE B38/B39/B40/B41
Bluetooth	4.1
SD Card	Support, up to 128 GB
USB	1 x USB Type-C Support OTG and headphone
RFID	NFC:13.56MHz, work distance more than 3cm ; Support ISO/IEC14443 A/B, ISO/IEC 15693, MIFARE

Pogo pin	14 pins
Power Supply	
Battery	Rechargeable and replaceable Lithium-ion battery, 3.8 V, 8000 mAh
Working	Up to 15 hours <sup>1</sup>
Charge	Qualcomm quick charge 3.0 Less than 5 hours
Safety Lock	With battery safety lock
Sensor	
NFC	Yes
Speaker	Yes
Microphone	Yes
Light	Yes
Proximity	Yes
Magnetometer	Yes
Gyroscope	Yes
Barometer	Yes
Accelerometer	Yes
Gravity	Yes
Compass	Yes
Physical	
Dimension	191.6 x 91 x 14.5 mm
Weight	375 g with battery 230 g Without battery
Operating Temperature	-20°C ~ +60°C
Storage Temperature	-40°C ~ +70°C
Water/Dust Proof	IP68
MIL-STD	MIL-STD-810G
Shock	Survive a 1.5 m drop on concrete floor
Humidity	95%
Buttons	PTT, volume +/-, power, 3 x FN
Keyboard	Virtual keyboard Virtual home, return, menu keys
Certificate	FCC, IC, CE, RoHS, REACH, WEEE

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



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