

TB85

Specifications



Charging Cradle
PN#5000-900051G



Rotatable Hand-strap
PN# AH3220UA



2D Engine Module
PN# 4080-085001G



X-Strap
PN# 5500-085001G

Basic characteristics

Dimensions	241.92 x 151.99 x 17.76 mm
Weight	630 g (including battery)
Battery	8200 mAh rechargeable Li-ion battery POGO Pin extension, quick charge QC3.0

Operation System

CPU	Qualcomm MSM8953 PRO Octa core 2.2GHz Processor
Memory	32GB (optional 64GB, MOQ applied) eMMC + 4GB DDR3
OS	Android 8.0 GMS certified Google Enterprise Device certified

Display

8 inch display, 1280 x 800 Sunlight Readable
Touch panel GFF, Corilla Glass 3, Support glove operation*
*Depending on actual material & thickness

Keypad

8 function keys Power key, volume up, volume down,
return key, home key, menu key,
2* custom keys

Camera

Rear	13 mp with auto focus
Front	5 mp
Flash lights	Double lights

Communication

SD	1x Micro SD
SIM	1x Nano SIM
Sensors	Ambient light sensor with 1R Hall sensor support for accessory Acceleration sensor Atmosphere pressure sensor
GPS/Beidou	Compass support, Embedded antenna, Supports external antenna as well
RFID (NFC)	Frequency 13.56MHz 0~3cm
WLAN	802.11 a/b/g/n/ac
WWAN	GSM 850 / 900 / 1800 / 1900 TD-SCDMA B34, 39 WCDMA B1, 2, 5, 8 CDMA/EVDO BC0 LTE-TDD B38, 39, 40, 41 LTE-FDD B1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 20, 25, 28
CA	UL Intra-C Band 39, 40, 41 DL Intra-C Band 3, 39, 40, 41 DL Inter Band 1+3, Band 39+41

Audio

Audio PA	High sound quality audio PA
Audio Jack	3.5 mm earphone jack

Power Source

RTC-battery	
Charging time	Fully charged less than 4 hours

Battery Approvals

UN 38.3, MSDS, IEC 62133, UL

Environmental

Operating temperature	-20°C to 60 °C
Storage temperature	-40°C to 70 °C
Relative Humidity	5% ~ 95% (non-condensing)
EDS	contact discharge 6KV, air discharge 8KV
Drop Specification	1.2 m to marble
Ingress protection	IP67

Software

Airwatch, SOTI

Warranty

One year warranty

Regulatory Approvals

GMS, CE, RED, FCC, BSMI, NCC, RoHS, MIL-STD-810G

Accessories

- Charging Cradle Docking, hand-strap, X-strap, battery pack, battery cover, PSU (EU, UK, US, AU), USB-C cable.
- 2D scan module with trigger buttons on both sides

Scan engine	SE2707
Light Source	Red +/- 625nm LED
Weight	<50g
IP Rating	IP67 (connected with main unit)
Mechanical Shock	1.0m (connected with main unit)
Operating Temp	-10°C to 50°C
Storage Temp.	-20°C to 60°C
DOF	EAN-13: 13mil(70~340mm) PDF 417: 6.67mil(45~105mm) Code 39: 5mil(40~155mm) Data Matrix: 10mil(45~105mm) QR Code: 15mil(35~155mm)
1D:	CODE128, UCC/EAN-123, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, code39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBar (RSS-14, RSS-Limited, RSS-Expand)
2D:	QR code(QR1/2, Micro), DataMatrix (ECC200, ECC000, 050, 080, 100, 140)

Headquarters

Taipei, Taiwan
<http://www.ute.com> e-mail: info@hq.ute.com

unitech America

Los Angeles
<http://us.ute.com> e-mail: info@us.ute.com
<http://can.ute.com> info@can.ute.com
Mexico
<http://latin.ute.com> e-mail: info@latin.ute.com

unitech Asia Pacific & Middle East

Taipei
<http://apac.ute.com> info@apac.ute.com / info@india.ute.com
<http://mideast.ute.com> info@mideast.ute.com

unitech Europe

Tilburg / Netherlands
<http://eu.ute.com> e-mail: info@eu.ute.com

unitech Japan

Tokyo
<http://jp.ute.com> e-mail: info@jp.ute.com

unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen
<http://cn.ute.com> info@cn.ute.com
Taipei <http://tw.ute.com> info@tw.ute.com

