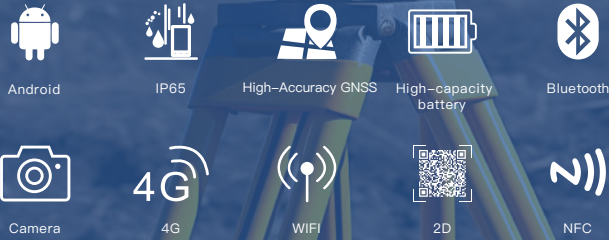


EM-T17X(RTK)

High-Accuracy GNSS Rugged Tablet PC
EM-T17X

Precise positioning, Professional fit



Performance

- Android 12/GMS OS and 8GB RAM+128GB storage
- 10.1 inch IPS screen, 1920x1200 TFT
- 10-point capacitive touch

Communication

- Extension interface (3 choose 1, RJ45, RS232, USB Type-A)
- Upgrade BT 5.2, fast and more stable
- Optional high performance 2D imager designed to data capture

Features

- Front 5.0MP + Rear 13.0MP, autofocus with flashlight
- RTK high-precision positioning function, multi-satellite and multi-frequency, realizing centimeter-level positioning
- User-friendly buttons designed for efficient action

Reliability

- Enhanced rugged corners withstand shock and impact
- IP65 Waterproof and Dustproof, MIL-STD-810H certified

Product Six Views



Specification Parameter

Basic parameters	
Dimension	274.9*188.7*23.1mm (GNSS antenna: Diameter 27.5mm, length 113mm)
Weight	TBD
Device Color	black
LCD	10.1 inch TFT 16:10, 1920x1200, 700nits
Touch Panel	10 point capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP
I/O	USB 2.0 Type-A x 1, USB Type-C x 1, SIM Card x 2, TF Card (Three in one card holder), 12PIN Pogo Pin x 1, Φ3.5mm standard earphone jack x 1
Extension interface (3 choose 1)	RJ45 (10/100M) x 1 (standard), DB9 (RS232) x 1, USB 2.0 Type-A x 1
Power	USB Type-C interface, supports fast charging PE+2.0, maximum power of 18W, maximum 9V/2A

Performance parameter	
CPU	ARM (OCTA Core)
OS	Android 12/GMS
RAM	8GB
Storage	128GB

Battery	
Capacity	10000mAh/3.8V
Type	Removable Li-polymer battery
Endurance	7 hours (connect to WiFi, maximum backlight brightness, RTK positioning test)

Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G+5.8G)
Bluetooth	BT5.2 Transmission distance: 10m
4G	LTE FDD: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28A/B28B, WCDMA: B1/B2/B5/B8, GSM: B2/B3/B5/B8, LTE-TDD: B38/B39/B40/B41
GNSS	BDS: B1I, B2I, B3I, GPS: L1C/A, L2P(W), L5 GLONASS: L1, L2, Galileo: E1, E5b, E5a QZSS: L1, L2, L5, Single-point positioning: 2.5m RTK: Horizontal: 0.8 cm + 1 ppm Vertical: 1.5 cm + 1 ppm

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810H certified
Drop Height	1.22m drop

Data Collection	
2D	Optional
NFC	13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocols Card reading distance: 4cm

Accessories



Docking Charger Hand-strap Removable battery Fast charging adapter Vehicle Mount

Application Range

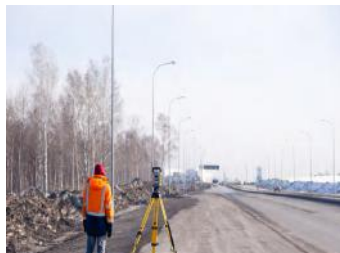
Various modules and accessories can be selected to meet customers' application in various industries.



Forestry



Agriculture



Engineering mapping



Power inspection