

Specifications

Basic	
Dimensions	290 x 195 x 30mm
Weight(built-in battery)	824g (Standard), 860(Zigbee), 890(GIS)
Material	Impact-resistant TPU shell
Display	7-inch IPS LCD, 1920x1200
Brightness	850 cd/m³
Keypad Type	Backlit QWERTY keypad
Camera	13MP rear
Battery	11550mAh/ 3.85V
Charging	5V2A, USB-C, PD fast charging
Interfaces	Type-C, NFC, MicroSD card
Performance Parameters	
Processor	Octa-core CPU (2x Performance @ 2.0GHz + 6x Efficiency @ 1.8GHz)
OS	Android 12
RAM	8GB
Storage	256GB
Wireless Communication	
WIFI	IEEE 802.11 a/b/g/n/ac 2.4G/5G Dual-Band supports fast roaming
Bluetooth	ET2.1+EDR/3.0/4.1LE/4.2/5.0
Network	4G LTE
Product Reliability	
Operating Temp	-30°C ~ +66°C
Storage Temp	-30°C ~ +70°C
Protection Rating	IP67
Drop Test	1.5m drop onto concrete surface (all six faces)
Salt Spray Test	NaCl solution concentration 5%, PH: (6.5-7.2), continuous spray 24H settling index 1.0-2ml/80cm².h
Vibration Test	Fixed frequency 50Hz, amplitude 100mm, duration 30min
Expansion	Zigbee module GIS module
GNSS	
GNSS Signal	1698 Channels GPS L1C/A/L1C/L2P(Y)/L2C/L5 BDS B1I/B2I/B3I/B1C/B2a/B2b GLONASS G1/G2/G3 Galileo E1/E5a/E5b/E6 QZSS L1C/A/L1C/L2C/L5 NavIC L5 / SBAS L1C/A
Positioning Precision	Single Point Positioning (RMS): Horizontal: 1.5 m Vertical: 2.5 m DGPS (RMS): Horizontal: 0.4 m Vertical: 0.8 m RTK (RMS): Horizontal: 0.8 cm + 1 ppm Vertical: 1.5 cm + 1 ppm
Zigbee	
Zigbee Connection Distance	600m (Optimal Environment)



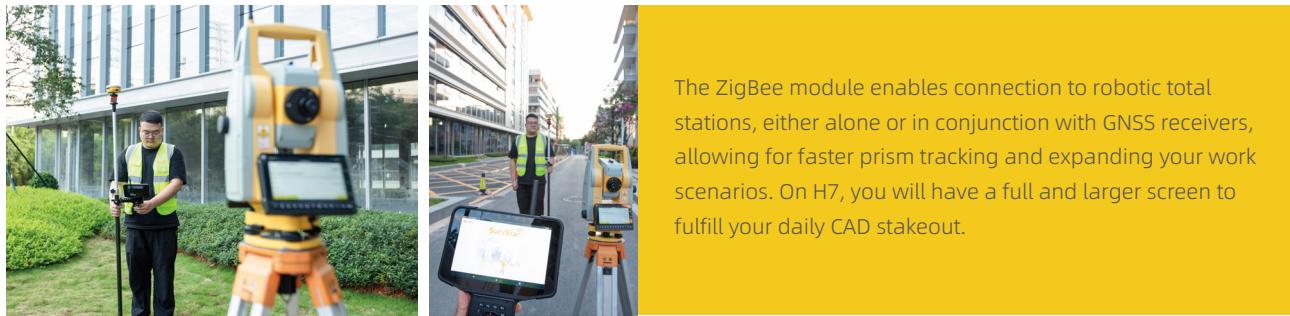
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-  Zigbee Module
-  Backlit QWERTY Keypad
-  Android 12
-  GNSS Module
-  11550mAh Battery
-  8+256GB
-  7.0 " Display
-  Industrial protection
-  4G/WIFI/NFC

Modular Versatility, Offering More Options

Zigbee Module
–Control Robotic Total Station and Experience the Prism Plus Position Solution



High-precision Module–Work as a GIS Collector



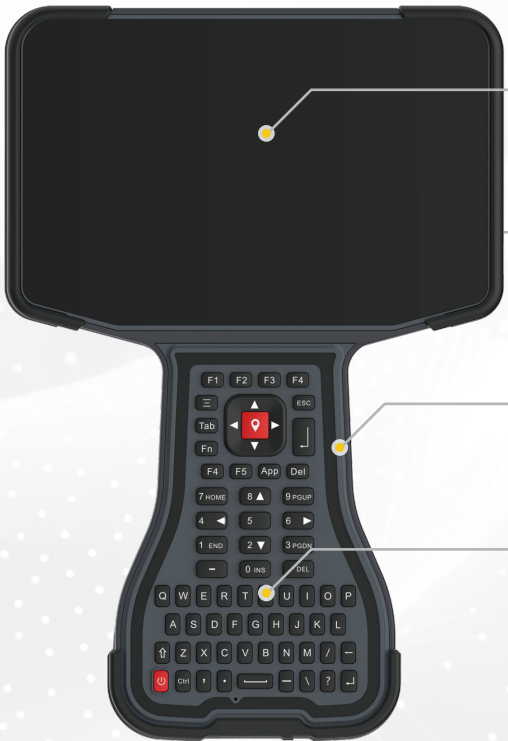
Designed for Efficiency –The Ultimate Field Companion

One Platform for Multiple Devices

When used as a regular controller, it is compatible with a wide range of devices such as SLAM RTK, GNSS receivers, total stations, and pipeline detectors. It delivers a comprehensive and flexible solution for diverse field applications, creating a new surveying ecosystem.



All-in-one Landscape Android Platform **H7**



- 7-inch IPS LCD, 1920×1200 screen with 850 nits, always with clear information in field
- 4G cellular module, Bluetooth 5.0, dual-band Wi-Fi, providing seamless communication with your devices
- Ergonomic design lightweight body weighing 824g, hold it and like it
- Backlit QWERTY keypad with function keys, just like working on a computer



- Switchable high-precision module and Zigbee module, designed for all situations
- 13MP rear HD camera, ensuring clear records for each project
- Android 12 Operating System, 8GB RAM + 256GB ROM, open CAD files and browse point clouds at ease
- 11500mAh battery, the trusted partner works with you for a whole day