

A8003H Pro Rugged Tablet

Data Specifications

GNSS^①

Signal Tracking

BDS: B1I, B2I, B3I, B1C, B2a, B2b
 GPS: L1C/A, L1C, L2P (Y), L2C, L5
 GLONASS: L1, L2
 Galileo: E1, E5a, E5b, E6*
 QZSS: L1, L2, L5, L6*
 SBAS: L1, L5

RTK

SBAS

2 cm HRMS
 < 1 m HRMS

No. of Channels

1408

Configuration

OS & Processor

Android 13.0, 2.2 GHz, Qualcomm, 8-cores
 high-speed processor

Storage

6 GB RAM + 128 GB ROM, support 256 GB SD card

Display

8-inch display, touchable screen

Resolution

800 x 1280, 800 nit, readable under the sun

Camera

16M pixels rear camera, 8M pixels front camera,
 autofocus, dual highlight LED flash

Built-in Sensor

L-sensor (Compatible Design), G-sensor,
 Gyroscope, E-compass

Communications

USB

USB 3.1, Type-C, OTG function

SIM

Support, Nano SIM

Network 4G modem

GSM: 850/900/1800/1900
 WCDMA: B1/B2/B4/B5/B8/B19
 LTE-TDD: B34/B38/B39/B40/B41
 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12 /B13/B17/
 B18/B19/B20/B25/B26/B28

Wi-Fi

IEEE 802.11 a/b/g/n/ac/e/i/r (Dual Band 2.4 & 5 GHz)

Bluetooth

Bluetooth 5.1, BLE

NFC

Support NFC function

Battery^②

Capacity

3.8 V 8200 mAh, Removable Battery

Battery life

≥ 8 h

Charging time

4 h, support Fast charging: QC 3.0, 18 W

Physical

Size

235 mm × 146 mm × 14.5 mm

Weight

610 g (with battery)

Shock

1.2 m fall onto concrete

Dustproof & Waterproof

IP67

Humidity

0% - 95% RH (without condensation)

Temperature

Working: -20 °C ~ +55 °C

Storage: -30 °C ~ +70 °C

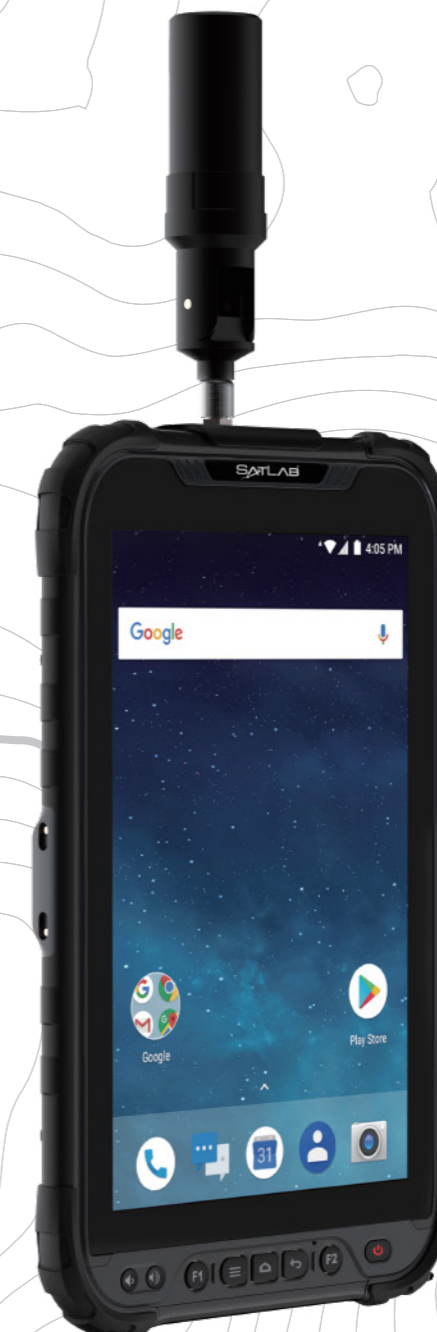
*Description and Specifications are subject to change without notice.

[1]SBAS and RTK accuracy are based on full GNSS constellations (GPS, Glonass, Galileo and BDS) availability, under clear unobstructed environment, multipath-free, standard satellite geometry and atmospheric conditions. GALILEO E6, QZSS L6 can be provided by firmware upgrade.
 [2]The battery operating time is related to the operating environment, operating temperature and battery life.



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High-precision Rugged Tablet



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