Contrler

Operating system Windows EC7

 Processor TI OMAP4430 1GHz Dual-core ARM® Cortex™-A9 MPCore™

Memory (RAM) 2 GB

Internal storage (Max) 4 GB

Screen size (Diagonal) & orientation (Primary) 5“ (127mm),

Landscape, sunlight-readable

Screen resolution & type 800 x 480 WVGA, Colour TFT

Weight (including battery) 1115 g 1190 g 1225 g

Size (length x width x depth) 284mm x 150mm x 49mm

Batteries 11.1V, 2.8Ah Li-Ion

Battery life 8 hours

ENVIRONMENTAL SPECIFICATIONS

Dust / Water resistance IP68

Shock resistance 1.2m (4 ft) / MIL-STD-810F, Method 514.5 – Cat24

Operation temperature-30°C to +60°C

Storage temperature-40°C to +80°C

Military standard (MIL.-STD) 810F CONNECTIVITY SD/SDHC ✔

USB client ✔

USB host ✔

 Serial RS232 ✔

Power jack ✔

 Integrated Bluetooth® ✔

Integrated WLAN ✔

 USER INTERFACE Touch screen ✔

On screen keyboard ✔

 Keypad type QWERTY keypad Number of keys 67 INTEGRATED PERIPHERALS DISTO™ ✔

UMTS/LTE Cellular modem ✔ ✔

5 MP Camera ✔ ✔ ✔

 Flash ✔ ✔ ✔

Compass ✔ ✔ ✔

 Accelerometer ✔ ✔ ✔

 Gyro ✔ ✔ ✔

Long-range Bluetooth® ✔ ✔

Expansion pack ✔

**GNSS Smart Antenna**

**RTKplus**

* 555 channels for more signals, faster acquisition and improved sensitivity
* Intelligent management of multi-frequency, multi-constellation signals
* Intelligent selection to automatically reject reflected or noisy signals

 **SMARTCHECK**

* Unique RTK technology provides continuous checks to guarantee correct results
* Initialisation within seconds
* Complete reliability

 **SMARTLINK**

* Achieve centimetre accurate positioning worldwide - perfect when working in remote areas around the globe
* No RTK base station or RTK network required, correction data is continuously transmitted by satellite delivering global coverage
* Bridging RTK outages for uninterrupted centimetre Positioning

 **BUILT FOR THE MOST DEMANDING ENVIRONMENTS**

* IP68 protection
* Built for extreme temperatures of -40°C to +65°C
* Fulfils toughest standards throughout the complete product lifetime

 **ERGONOMICS**

* Integrated mobile phone and UHF radio RTK devices
* Compact housing
* Lightweight

 **ONLINE SERVICES**

* SmartNet Satellite Positioning - your No.1 partner for network RTK