

T 18x

Rugged Controller



Highly productive with powerful features

The SANDING T18 comes with Windows Embedded Handheld 6.5, 1GHz processor and advanced manufacturing process, which can drive any filed software with easy and provide customers with a wider range of uses and application.

Built to survive

With rugged and reliable design, in addition to IP65 standards, which can protect it well during work in any harsh environment. Including drop from 1.5m and can operate in temperatures from -30°C to 60°C.

Flexible communication and data handling

Stay connected with a wide range of communication and data storage options. With fully integrated wireless technology (Bluetooth, GSM/UMTS 3.5G, WiFi), a choice of two connector modules and data storage using an SD card or external memory stick, The SANDING T18 are ready for all challenges on site and in the office.

Advanced GIS application

The SANDING T18 is built with an integrated powerful 167 channels GNSS chip, which can also process RTCM2.3 data from CORS. These features open the door to countless application possibilities, making it ideal for GIS surveying and other GPS/mapping-based applications.

T18x



Specifications

HARDWARE		GPS SPECIFICATIONS	
Operation system	Windows Mobile6.5	Channels	167
Processor	1GHz	Tracked Satellites	GPS/QZSS: L1 C/A code
RAM	512MB		SBAS: L1 C/A code
ROM	4GB (Up to 32GB), SD expansion to 32GB		WAAS, EGNOS, MSAS
			BeiDou:B1
INTERFACE AND INPUT		Accuracy	Position accuracy: 3m SBAS: 2.5m
Multi-media	Integrated speakers, microphone, telephone handset, support recording and playback		
Soft Key	Digital soft keyboard character input, support handwriting and spelling input		
External Power Supply	External power connector		
SD Card Slot	Supports SD up to 32GB	Max navigation Update Rate	4Hz
USB Port, Serial Port	Yes	Cold Start	29s
DISPLAY		Supported Protocols	Support RTCM 2.3 Differential NMEA 0183 UBX binary, u-blox proprietary
Model	Blanview TFT, touch screen LED Backlighted		
Resolution	480x680 VGA		
Size	3.7inch		
Camera	5.0 Megapixel AF	PHYSICAL SPECIFICATIONS	
DATA COMMUNICATION		Size	200 x 96 x 32mm (L*W*D)
Bluetooth Device	2.1+EDR	Weight	515g (battery included)
WIFI	802.11 b/g/n Wireless LAN	Relative Humidity	5%~95% non-condensing
Communication module	Built-in universal quad-band communication model (WCDMA)	Operation Temperature	-30℃~60℃
Multi-media	Multimedia message	Storage Temperature	-30℃~70℃
NFC	Optional	Waterproof/ Dustproof	IP65
SIM Card	SIM Card Socket	Drop	Withstands 1.2m free drop onto hard surface
POWER SUPPLY		STANDARD ACCESSORIES	
Battery Capacity	3.7V, Removable Li-Ion 6500mAh	Carton package x 1, Adapter x 1, USB cable x 1, Battery x 1, Handstrip x 1, Stylus & string of pen x 1, Screen protector x 1, Charger set x 1, Bracket x 1	
Working Hours	Up to 10 hours		

