

# Nilamtec T2 Series

## IS IT A RUGGED TABLET? T2 IS MORE THAN A RUGGED TABLET, IT IS A TOOL FOR PROFESSIONAL USER TO IMPROVE THEIR PRODUCTIVITY

The Nilamtec T2 is a rugged designed for Construction, GIS, Environmental Management, Public and Utility Field applications. There are choices of T2 models to meet the GNSS accuracy requirements of location sensitive applications.

### Basic Functions

T2 is a full functioned Android tablet. T2 can run Android Apps just as same as the Android Tablet in the market.

### GNSS Accuracy

The GNSS performance of T2 is better than the standard tablet. T2 supports GPS, GLONASS and Beidou constellations. In addition to the strong GNSS reception power, T2 has choice of GNSS accuracy receiver options, which is from <1.5 m RMS standalone real time GNSS to cm grade RTK built-in receiver. You can easily find a right model to meet the challenges of positioning accuracy of your field applications.

### Reliability and Efficiency in The Field

You can take T2 as a tablet to the field without worry about dust, water, damage caused by dropping the tablet, high or low temperature, and long operation hour.

- T2 provides IP67 rated protection from dust and water ingress
- The operating temperature of T2 is from -20°C to +60°C. T2 supports you in both cool winter and hot summer.
- User replaceable 8000 mAh battery allow you keep working all day long in remote sites.
- Integrated 13M pixel rear camera allows you take sharp photos for your information sharing.
- 8" LCD screen provides bright and easy to read display

### Not Just a Rugged Tablet. It Is a Tool to Improve Your Productivity

It is a smart investment in T2. T2 helps you to improve your field operation efficiency in Worker Attendance Taking, E-work flow management, GIS data collection and more.



Global Distributor:  
Strobus (Far East) Limited  
Unit 2602-3, BEA Tower, Millennium City 5,  
418 Kwun Tong Road, Kwun Tong, Hong Kong.  
T: +852-2690-3773, F: +852-2690-3030  
Email: [info@strobus.com.hk](mailto:info@strobus.com.hk), URL: [www.strobus.com.hk](http://www.strobus.com.hk)

Your Local Distributor:

# Nilamtec T2 Series

## STANDARD FEATURES

### SYSTEM

- Integrated LTE cellular data, voice, and text capability
- 13MP rear camera, 5MP front camera
- High sensitivity GNSS receiver and antenna
- Bluetooth 4.1
- WIFI IEEE802.11 a/b/g/n/ac, 2.4GHz and 5GHz
- Capacitive multi-touch 8" LCD 1280 x 800 Gorilla Glass Screen, 500cd/m<sup>2</sup> Brightness
- 8000 mAh long lasting, user replaceable, wide temperature range battery
- Qualcomm SDM632 Octa core 1.8GHz Processor or SDM450 Octa core 1.8GHz.
- 3GB RAM, 32GB Flash Memory (optional 4GB +64GB)
- Support Micro SD card
- Dual SIM, Dual Standby

### OPERATING SYSTEM

- Android 9

### COMMUNICATIONS NETWORK

- GSM:850/900/1800/1900,
- EVDO: BC0,
- WCDMA: B1/B2/B5/B8,
- TD-SCDMA: B34/B39
- TDD-LTE: Band38/Band39/Band40/Band 41,
- FDD-LTE: Band1/Band3/band4/band5/B and7/band8/band17/band20/band28
- WIFI: IEEE 802.11 a/b/g/n/ac, 2.4GHz and 5GHz
- Bluetooth: Bluetooth 4.1
- USB: USB 3.0, Type C
- NFC

- Extended Pogo Pin Interface: USB, UART, I<sup>2</sup>C, GPIO, Power Charging

### POWER MANAGEMENT

- Battery: 8000 mAh board temperature range, user replaceable Li-ion battery
- Fast Charging: Support Qualcomm QC 3.0 (need to work with QC 3.0 charger)

### SENSORS

G Sensor, Temperature Sensors, Gyroscope, Light Sensor, E-Compass

### TECHNICAL SPECIFICATIONS

#### PHYSICAL

- Size: 235x146x13mm
- Weight: approx. 560 g (including battery, the weight various with models)
- Processor: Qualcomm SDM632 Octa core 1.8GHz or SDM450 Octa core 1.8GHz
- Memory: 3GB RAM, 32GB Flash
- User Interface: Hard Keys Power, Volume up/down, F1, F2
- Battery: 8000 mAh, user replaceable, wide temperature range Li-ion battery

### ENVIRONMENTAL

#### Temperature:

- Operating: -20 °C to +60 °C
- Storage: -30 °C to +70°C

#### Humidity:

- 95% non-condensing

#### Dust and Water Proof:

- IP67

#### Drop Resistance:

- 1.2 m free drop to concrete

### INPUT/OUTPUT

Extended Memory: Micro SD card (T card)

#### Display:

Damage-Resistant Gorilla Glass 8" LCD Capacitive Multi-touch screen  
1280 x 800 Pixel resolution  
500 cd/m<sup>2</sup> brightness

#### Audio:

Built-in speaker and microphone  
Support USB-C type corded microphone

#### Camera:

Rear Camera: 13 MP with flash

#### light

Front Camera: 5 MP

#### Sensors:

G Sensor, Temperature Sensors, Gyroscope, Light Sensor, E-Compass

### GNSS SYSTEM

Models	T2N	T2T	T2P
Internal Patch Antenna, L1, B1, G1, 72-channel	Yes	Yes	Yes
GPS L1C/A L2C, GLO L1OF L2OF, GAL E1B/C E5b, BDS B1I B2I, QZSS L1C/A L2C, 184-channel	No	No	No
Integrated Real Time SBAS	Yes	Yes	No
Dual Constellation System, GPS/GLONASS or GPS/BEIDUO	Yes	Yes	Yes
Number of concurrent GNSS	2	2	2
External GNSS Antenna	Yes	Yes	Yes
Android Location Services	Yes	Yes	Yes
NMEA output	Yes	Yes	Yes
Raw Data output	No	Yes	Yes
RTK	No	No	Yes
Standalone GNSS Accuracy (horizontal RMS)	<1.5 M	<1.5 M	<1.5 M
RTK Accuracy (horizontal RMS)	N/A	N/A	<1.5 CM**

\*: an additional plug-in is attached with the tablet body

\*\* : Depends on atmospheric conditions, baseline length, GNSS antenna, multipath conditions, satellite visibility, and geometry.



Global Distributor:  
Strobus (Far East) Limited  
Unit 2602-3, BEA Tower, Millennium City 5,  
418 Kwun Tong Road, Kwun Tong, Hong Kong.  
T: +852-2690-3773, F: +852-2690-3030  
Email: [info@strobus.com.hk](mailto:info@strobus.com.hk), URL: [www.strobus.com.hk](http://www.strobus.com.hk)

Your Local Distributor: