

T10

GNSS TABLET

For Your Precise Vehicle Navigation



EASY INSTALLATION & OPERATION

Assorted with RAM bracket, the T10 tablet is easy to fix on the vehicle. 10.1" sunlight-readable touch screen delivers clear and smooth visual and operating experience. Partnered with SingularXYZ Navigation system software, it is easy to get started with T10 tablet for your navigation tasks via multiple work modes.

POWERFUL OS & GNSS ENGINE

Embedded with high precision GNSS module, T10 tablet is capable of tracking all running constellations, providing centimeter-level navigation accuracy. The Android 6 OS and Quad-core 1.5GHz CPU gives T10 strong processing capability. With high precision and low latency, T10 can largely improve your working efficiency and productivity.

ABUNDANT INTERFACE

As a vehicle-mounted tablet, T10 is equipped with abundant interfaces including serial port, CAN BUS, USB, suitable for versatile vehicles. Supporting 4G/WiFi/Bluetooth/Ethernet, T10 offers flexible data transmission method for users. Moreover, the T10 supports wide voltage input, over-current and over-voltage protection, extending the service life.

SYSTEM

Operation System	Android 6.0
CPU	Quad-Core 1.5GHZ
RAM	2GB
ROM	16GB
Flash	T flash, up to 64GB

DISPLAY

LCD	10.1" HD
Brightness	750Nits, sunlight readable
Resolution	1024×600 pixels
Touch Panel	Capacitive screen

GNSS

Channel	1408
GPS	L1C/A, L2P (Y), L2C, L5
GLONASS	G1, G2
BDS	B1I, B2I, B3I
Galileo	E1, E5a, E5b
QZSS	L1, L2, L5
RTK Accuracy	H: 8mm+1ppm V: 15mm+1ppm
Heading Accuracy	0.1°
Timing Accuracy	20ns
Velocity Accuracy	0.03m/s
Data Format	RTCM V3.X, NMEA-0183
Data Update Rate	Maximum 20Hz

COMMUNICATION

WIFI	2.4GHz IEEE 802.11 a/b/g/n
4G	FDD-LTE (Band 800 / 1800 / 2100 / 2600 MHz) TD-LTE (Band 1900 / 2300 / 2500 / 2600 MHz) WCDMA (Band 850 / 900 / 1900 / 2100 MHz) GSM/GPRS/EDGE (Band 850 / 900 / 1800 / 1900 MHz)
Bluetooth	V4.1
USB Port	1×USB2.0 (Host & Debug)
Serial Port	2×RS232, 1×RS485
CAN Port	2×CAN (J1939, CANOpen, ISO15765)
Ethernet	1×RJ45(100M Ethernet)

ELECTRICAL & PHYSICAL

Input voltage	9-36 VDC
Power consumption	≤4.5W
Size	281×181×42mm
Weight	1.5 Kg

ENVIRONMENTAL

Waterproof & dustproof	IP65
Shock	Designed to survive a 2m drop onto concrete
Operating temperature	-20 °C to + 70 °C (-4 °F to 158 °F)
Storage temperature	-40 °C to + 85 °C (-40 °F to 185 °F)
Humidity	100% non-condensing

All specifications are subject to change without notice.

©2023 SingularXYZ Intelligent Technology Ltd. All rights reserved. SingularXYZ® is the official trademark of SingularXYZ Intelligent Technology Ltd., registered in People's Republic of China, EU. All other trademarks are the property of their respective owners.