TOKNAV

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TOKNAV
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Accessories

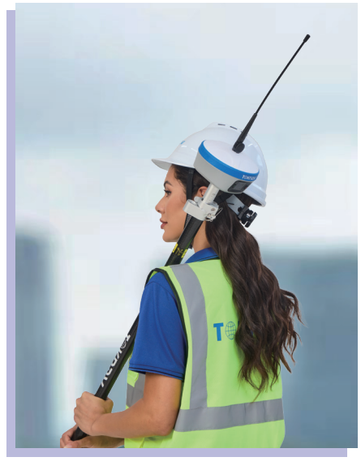
PRODUCT BROCHURE

- GNSS Receiver Manufacturer
- Professional OEM&ODM
- Over 15 years experience in R&D and manufacturing

ABOUT US

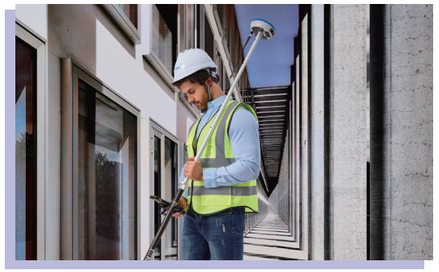
Company Introduction

Guangzhou Toksurvey Information Technology Co., Ltd. was founded in 2019 by a team of R&D engineers. The company team has nearly 15 years of R&D background. At present, the company has nearly 2,500 square meters of office and factory, complete set of research equipment, and strong technical background.



Our company is committed to the R&D, production and sales of high-precision satellite positioning terminal products. More than 60% of the employees are engineers. Driven by technological innovation, the company maintains a steady growth rate of 60% every year.

At present, the company has successfully launched high-precision GNSS RTK (T5 series, T10 series, T20 series, T30 series and T40 series), portable RTK receiver (P8 series), high-precision CORS station (NET660 series), data controller, GNSS antenna, precision agriculture, mechanical control, and marking robot to the market. We not only provide positioning products, but also provide a series of application solutions.



Our Targets

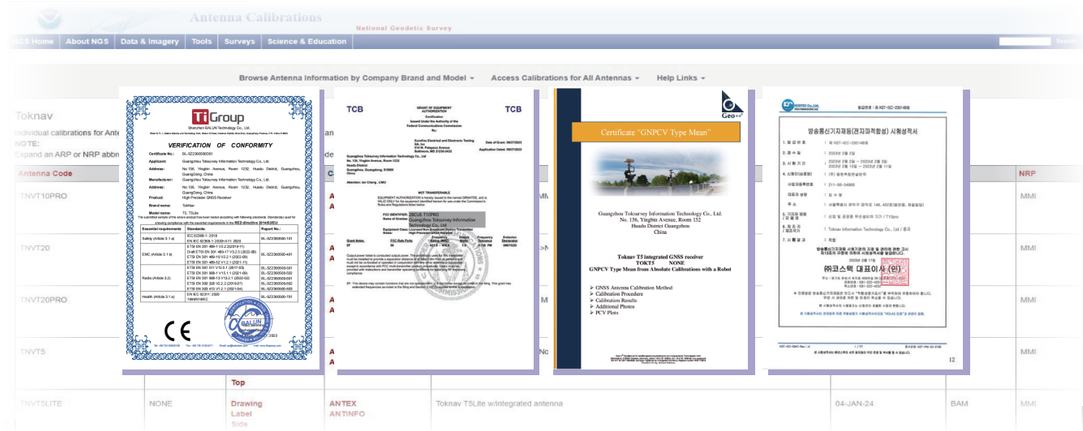
Mission	Vision	Value	Slogan
Make positioning more precise and easier.	Working together to improve global surveying quality.	To become a leader in the global surveying and mapping service.	Your reliable supplier in positioning!

Fields of Application

TOKNAV products can be widely used in precision surveying & mapping, mining operations, deformation monitoring, autonomous driving and other fields. We currently have a number of mature GNSS application solutions, such as deformation monitoring, CORS network, marking robots, precision agriculture, mechanical control etc. TOKNAV products have passed CE, FCC, KC, NGS, IGS and other certifications, and are exported to more than 70 countries and regions around the world. Our products are well received in the global market, and now we have become a system integration supplier in the global market.

- Construction
- Monitoring
- Mapping & GIS
- Surveying
- Agriculture
- Marine

Certifications



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ACCESSORIES

Antenna suction cup base and connecting rod

5/8”-11 UNC Connector, Vertical Adsorptive Capacity: 25kg, Applicable Model: T series Receivers and every kind of Antenna.

P/N: TKA0027

Tribrach

5/8”-11 Internal Thread, Accuracy: 0.8mm/0-2m+, Work with Aluminum Tripod.

P/N: TKA0004

Black Tribrach

With Optical Plummets, Work with Aluminum Tripod.

P/N: TKA0028

Black Tribrach Connector

5/8”-11 UNC, Applicable Model: T series Receivers and every kind of Antenna.

P/N: TKA0028-1

Manufacturers may update parameters at any time, please refer to the latest product information.

Accessories

Controller Bracket - A

Applicable Model: PCR100

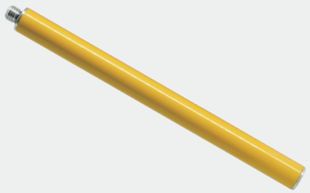
P/N: TKA0003

Controller Bracket - B

Applicable Model: PCR100U, PCR300, PCR500.

P/N: TKA0003-1

Extension Bar



30cm Extension Bar, to elevate the TOKNAV GNSS receiver.
Applicable Model: Receivers and other accessories.

P/N: TKA0023

Tribrach Adapter

Work with Tribrach, T series Receivers and etc.

P/N: TKA0007

Height Measuring Plate

Help you on measuring the antenna height.

P/N: TKA0006

Aluminum Alloy Tripod

Aluminum Alloy Trip equipped with back strap and side fixed spiral, suitable for all stations, levelers, lasers and prisms.
Minimum Length: 105cm Maximum Length: 167cm

P/N: TKA0012

Toknav Carbon Fiber Pole

Maximum: 2.1m
Minimum: 1.25m

P/N: TKA0005

2.5m Pole

Maximum: 2.5m
Minimum: 1.38m

P/N: TKA205

Manufacturers may update parameters at any time, please refer to the latest product information.

Accessories

Mini Tripod

minimum height: 150mm
maximum height: 109mm

P/N: TKA20

Tape Blade

help you on measuring the height of antenna and others.

P/N: TKS0003

TKB1000 RTK Power Bar

working as a power supply, for extending the battery backup.

Rated Capacity: 9000mAh
Nominal Capacity: 9500 mAh
Min. Capacity: 9000 mAh
Pack Weight: ≈ 709g
Pack Impedance: ≤200mΩ

Operating Temperature Range
Charging: 0 ~ 45℃
Discharging: -20 ~ 50℃

P/N: TKB1000

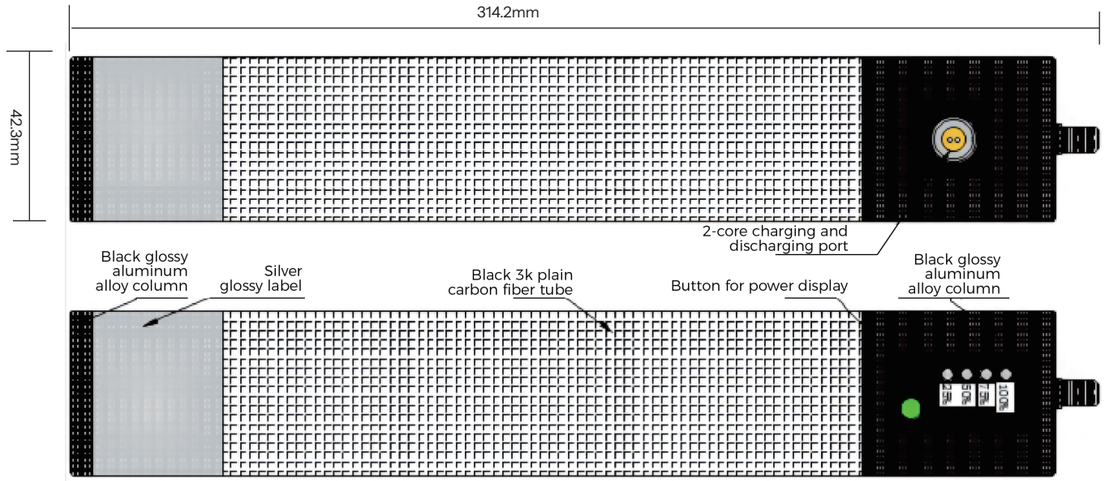
TKB 1000-C RTK Low Temperature Power Bar

working as a power supply, for extending the battery backup. It can work in an extrem low environment.

Rated Capacity: 9000mAh
Nominal Capacity: 8400 mAh
Min. Capacity: 8100 mAh
Pack Weight: ≈ 712g
Pack Impedance: ≤180mΩ

Operating Temperature Range
Charging: 0 ~ 60℃
Discharging: -40 ~ 60℃

P/N: TKB1000-C



For more details of power bar, please check the specification

Manufacturers may update parameters at any time, please refer to the latest product information.

POWER ADAPTER

CC Data Cable

1.2m Fast Charge Data Cable, USB Type-C to USB Type-C Port.

P/N: L090104-C2

Type-C Data Cable

1.2m Fast Charge Data Cable, USB Type-C to USB Port.

P/N: L090101-C1

USB Power Adapter

Type C 5V2A USB Power Adapter. For charging your receiver or controller, USB available, QC3.0/MTK 2.0 Fast Charge supported.

Applicable Model: T5/T5Lite/T10Pro/P8 Series/PCR Series.

P/N: AD0001E

USB Power Adapter

Type A 5V2A USB Power Adapter. For charging your receiver or controller, USB available, QC3.0/MTK 2.0 Fast Charge supported.

Applicable Model: T5/T5Lite/T10Pro/P8 Series/PCR Series.

P/N: AD0003N

PD Power Adapter

Type A 33W PD Power Adapter. For charging your receiver or controller, USB Type-C available.

Applicable Model: T20Pro

P/N: AD0008N

PD Power Adapter

Type C 33W PD Power Adapter. For charging your receiver or controller, USB Type-C available.

Applicable Model: T20Pro

P/N: AD0004E

Manufacturers may update parameters at any time, please refer to the latest product information.

Power Adapter

Lemo Power Adapter

Type C 2-Pin Lemo Power Adapter.

Applicable Model: NET660, NET660i, NET660i-H.

P/N: AD0005-2

Lemo Power Adapter

Type A 2-Pin Lemo Power Adapter.

Applicable Model: NET660, NET660i, NET660i-H.

P/N: AD0004-2

RTK Battery Pole Power Adapter

Type C RTK Battery Pole Power Adapter.

Applicable Model: TKB1000, TKB1000C.

P/N: AD0007E

RTK Battery Pole Power Adapter

Type A RTK Battery Pole Power Adapter.

Applicable Model: TKB1000, TKB1000C.

P/N: AD0002N

The power supply cable between power bar and receiver

Connect the power bar with your receiver, as a power supply.

Applicable Model: T10Pro,T20Pro.

P/N: L090103-BR

ANTENNA

External Radio Terminal Antenna

Applicable Model: External Digital Radio DL8635.

P/N: TCA0024

Antenna

410-470MHz Full Frequency Antenna

SMA male connector, Gain: 2dbi, Lenghth:105mm, Whip.

Applicable Model: T5.

P/N: TCA0009

450-470MHz Radio Terminal Antenna

SMA male connector, Gain: 4dbi, Lenghth:305mm, Whip.

Applicable Model: T10Pro, T20Pro.

P/N: TCA0003

4G Full Netcom Antenna

MCX or other connectors, Gain: 2.0dB, Operating Temperature -40℃+85℃, Magnetic Installation.

Applicable Model: NET660, NET660i, NET660i-H.

P/N: TCA0020

WIFI Antenna

Applicable Model: NET660.

P/N: TCA0019

ACCESSORY

Your helmet protects your head from damage, reduces the impact on your head, improves night visibility in your reflective vest, and reminds pedestrians or vehicles around you to keep you safe and secure in any environment.

TokNav White Helmet

P/N: TKS0001

TokNav Vest

P/N: TKS0002

Manufacturers may update parameters at any time, please refer to the latest product information.

WIRE

7-Pin LEMO to DB9+USB Cable

7-Pin 0B LEMO Plug*1, USB Male *1, DB9 Female*1, Length: 1.5m.

Applicable Model: T10Pro, T20Pro, NET660i, NET660i-H and etc.

P/N: L090106-P7

7-Pin LEMO to DB9+USB Female Cable

7-Pin 0B LEMO Plug*1, USB Female*1, DB9 Female*1, Length: 1.5m.

Applicable Model:NET660.

P/N: L090107-P7

15M GNSS Antenna Cable

TNC-TNC Connector,

Applicable Model: NET660, NET660i, NET660i-H.

P/N: TCB0015

30M GNSS Antenna Cable

TNC-TNC Connector,

Applicable Model: NET660, NET660i, NET660i-H.

P/N: TCB0030

7-Pin RTK External Radio Connector Cable

Connect the External Radio with the Receiver and Power

Applicable Model: DL8635, T10Pro, T20Pro.

P/N: L090102-P7

DB9 Male to Male

Multiple devices supported, and can provide high-speed data transmission.

P/N: TKA0026

Manufacturers may update parameters at any time, please refer to the latest product information.

CASE

T5Lite/T5 Series ToolKit

available space: receivers*1, Antenna*1, Chargers*1 and corresponding calbes.

Dimension: 180X170X90mm Weight: 0.3kg
Material: 1680D Oxford Cloth Housing, EVA Liner

P/N: T5&T5Lite-EVA-001

Foam RTK Rover Kit (T5Lite/T5)

available space: receivers*1, Receiver/Controller Charger*2, Tribrach Adapter*2, Manual*1, Antenna*1, Controller*1, Controller Bracket*1 and corresponding calbes.

Dimension: 391X289X136mm Weight: 0.3kg
Material: EPP

P/N: PMS05.0010

Foam RTK Rover Kit (T10Pro)

available space: receivers*1, Receiver/Controller Charger*2, Tribrach Adapter*2, Manual*1, Antenna*1, Controller*1, Controller Bracket*1 and corresponding calbes.

Dimension: 391X289X136mm Weight: 0.3kg
Material: EPP

P/N: PMS10.0011

RTK Rover Kit (T5Lite/T5)

available space: receivers*1, Receiver/Controller Charger*2, Extension Bar/RTK Power Bar*1, Tribrach Adapter*1, Power Adaptor for Power Bar*1, Controller*1, Controller Bracket*1, Antenna*1, Manual*1,Height Measuring Plate*1, and corresponding calbes.

Dimension: 356X313X162mm Weight: 1.9kg
Material: PP Housing, EPP Liner

P/N: PMS20.004

RTK Rover Kit (T10Pro)

available space: receivers*1, Receiver/Controller Charger*2, Extension Bar/RTK Power Bar*1, Tribrach Adapter*1, Power Adaptor for Power Bar*1, Controller*1, Controller Bracket*1, Antenna*1, Manual*1,Height Measuring Plate*1, and corresponding calbes.

Dimension: 356X313X162mm Weight: 1.9kg
Material: PP Housing, EPP Liner

P/N: PMS10.005

RTK Rover Kit (T20Pro)

available space: receivers*1, Receiver/Controller Charger*2, Extension Bar/RTK Power Bar*1, Tribrach Adapter*1, Power Adaptor for Power Bar*1, Controller*1, Controller Bracket*1, Antenna*1, Manual*1,Height Measuring Plate*1, and corresponding calbes.

Dimension: 356X313X162mm Weight: 1.9kg
Material: PP Housing, EPP Liner

P/N: PMS20.001

RTK Base Kit (T10Pro)

available space: receivers*1, Receiver/Controller Charger*2, Extension Bar*1, Tribrach Adapter*2, External Digital Radio*1, Antenna*1, Height Measuring Plate*1, Tape Blade*1, Manual and corresponding calbes.

Dimension: 356X313X162mm Weight: 2.05kg
Material: PP Housing, EVA Liner

P/N: PMS20.0014

RTK Base Kit (T20Pro)

available space: receivers*1, Receiver/Controller Charger*2, Extension Bar*1, Tribrach Adapter*2, External Digital Radio*1, Antenna*1, Height Measuring Plate*1, Tape Blade*1, Manual and corresponding calbes.

Dimension: 356X313X162mm Weight: 2.05kg
Material: PP Housing, EVA Liner

P/N: PMS20.002

1+1 RTK Toolbox (T10Pro)

available space: receivers*2, Receiver/Controller Charger*3, Controller*1, Extension Bar*1, Tribrach Adapter*2, Bracket*1, External Digital Radio*1,Tape Blade*1, Height Measuring Plate*1, Antenna*2, and corresponding calbes.

Dimension: 478X393X204mm Weight: 3.9kg
Material: PP Housing, EVA Liner

P/N: PMS10.0013

1+1 RTK Toolbox (T20Pro)

available space: receivers*2, Receiver/Controller Charger*3, Controller*1, Extension Bar*1, Tribrach Adapter*2, Bracket*1, External Digital Radio*1, Tape Blade*1, Height Measuring Plate*1, Antenna*2, Manual*1, RTK Power Bar, Power Adaptor for Power Bar and corresponding calbes.

Dimension: 478X393X204mm Weight: 3.9kg
Material: PP Housing, EVA Liner

P/N: PMS20.0012

ToolKit

Containing Tape*1, 5mm socket*1, 5.5mm socket*1, PH00 screw driver*1, PH1 screw driver*1, T8 screw driver*1, SMA/LEMO screw driver*2, 8mm L type socket*1, Tweezers*1.

Dimension: 330*230*80mm Weight: 1.03kg
Material: 680D Oxford Cloth Housing, EVA Liner

P/N: TK0105.0015

Manufacturers may update parameters at any time, please refer to the latest product information.