



GEOFIX

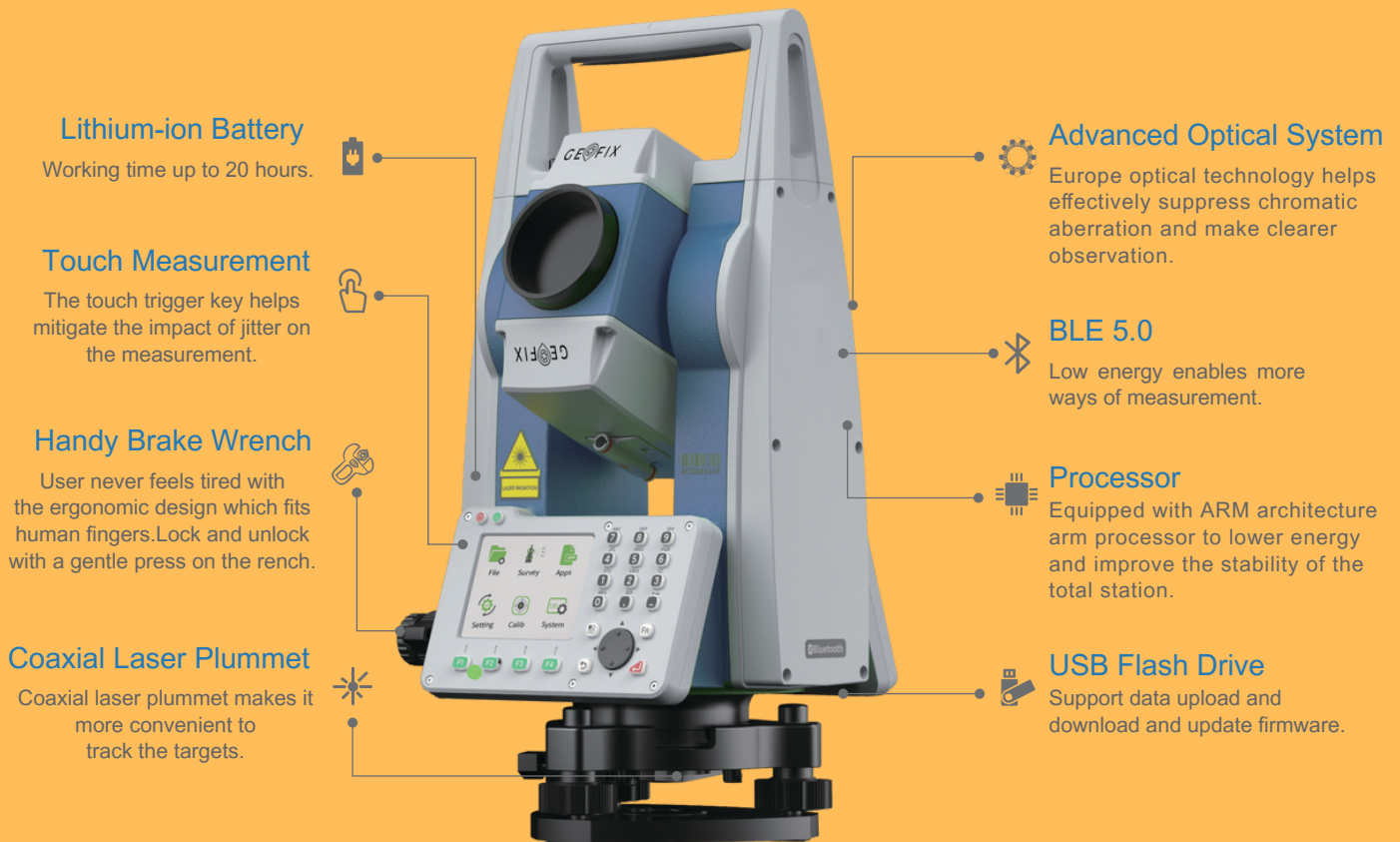


# T10 Total Station

- 1" Resolution
- 20 hours work time
- 3.2-inch colour screen
- 5000m long distance measurement

# Precision Total Station

Originated from European optical technology, Geofix T10 comes out with a brand new hardware structure and new measuring tape, and static absolute encoder. The 1.5" angle measurement accuracy and the 1000m non-prism measuring range enable the Geofix T10 to do various kinds of precision measurements.



## High-precision Ranging Technology

Geofix T10 can achieve fast and accurate ranging through built-in eight adaptive high-frequency measuring rulers and advanced phase laser ranging algorithm, meeting the accuracy requirements of various advanced engineering measurements.

**1,000m**

Without Prism

**4,000m**

With Prism



# User-friendly High-precision Total Station



Equipped with a full-featured operation panel, 3.2-inch bright colour screen, and buttons with comfortable spacing and without sound. Built-in commonly used measurement functions, standard Bluetooth 5.0 for convenient data transmission, and the third-party application. Geofix T10 is a combination of advanced hardware and software!

## 3.2-inch Color Screen

Larger screen brings more data display and good viewing experience.

## Color

## Rounded backlight button

The rounded backlight button makes it easier for measurement work at night.

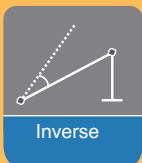
## Customized Fn Function Key

The customized function key for a personalized total station.

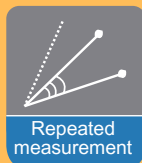
## One-touch Laser Fixed

One touch, rapid centring and leveling up for measurement.

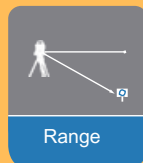
# On-board Measurement Software



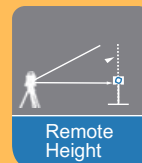
Inverse



Repeated measurement



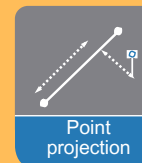
Range



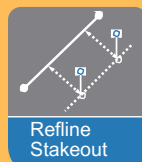
Remote Height



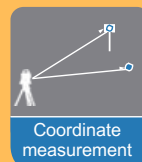
Resection



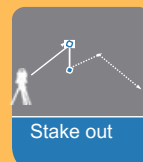
Point projection



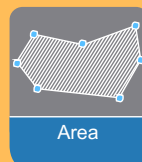
Refine Stakeout



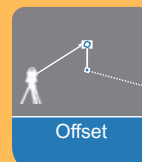
Coordinate measurement



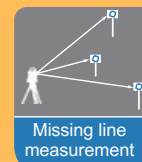
Stake out



Area



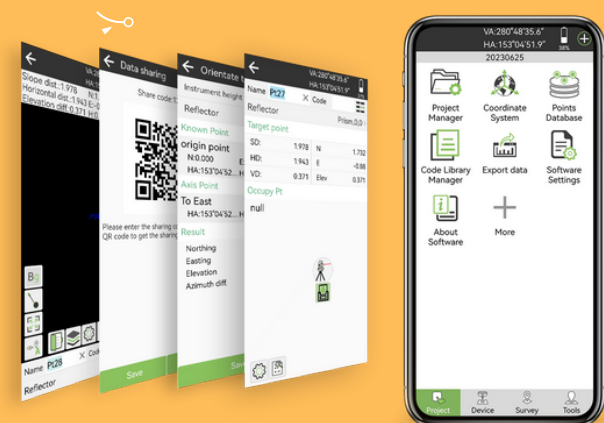
Offset



Missing line measurement

# Third-party APP Support

Geofix T10 supports GeoFind and other third party softwares. The involvement of cell phones gives an intelligent edge to the traditional engineering total station.



# Specifications

T10

T11

Telescope	Image	Right-reading	
	Magnification	30X	
	Field Of View	1°30'	
	Minimum Focus	1.7m	
	Resolution	2.8"	
Angle Measurement	Accuracy	1.5"	1"
	Reading System	Absolute Encoders	
	Minimum Reading	1"	0.2"
Measurement	Distance-Non-Prism	1000m	1000m
	Distance-Reflector	2000m	2000m
	Distance-Single Prism	4000m	5000m
	Accuracy-Non-Prism	± (3mm + 2 × 10 <sup>-6</sup> ×D)	
	Accuracy-Reflector	± (3mm + 2 × 10 <sup>-6</sup> ×D)	
	Accuracy-Single Prism	± (2mm + 2 × 10 <sup>-6</sup> ×D)	± (1mm + 1 × 10 <sup>-6</sup> ×D)
	Time	Fine : 0.7s Rapid: 0.5s Tracking: 0.3s	
	Minimum Display	Fine/Tracking:0.1mm	
Compensator	Compensator Type	Dual axis	
	Compensator Range	±4'	
	Compensator Resolution	1"	
Laser Plummet	Accuracy	1.5mm@1.5m	
	Wavelength	635nm	
	Safety	Class2	
	Output Power	0.7-1.0mw	
Level Vial Sensitivity	Tubular Level	30"/2mm	
	Circular Level	8"/2mm	
Keyboard	Screen	3.2-inch colour screen	
	Key	x26	
	Backlight	Support	
Communication	Port	USB、 Bluetooth	
	Data Memory	40000 points	
Power	Battery	2600mAh Li-ion battery	
		Low voltage alert	
	Working Time	25 hours angle	
		20 hours angle and distance	
Physical	Operating Temperature	20°C ~ +50°C	
	Storage Temperature	-30°C ~ +55°C	
	Water/Dust Proof	IP54	IP65
*The above technical parameters are for your reference.The company reserves the right to change the design and planning of the product based on the actual product.			