# Specifications >>>

Telescope		Level vial sensitivity	
Length	156mm	Plate level vial	30"/2mm
Image	Erect	Circular level vial	8'/2mm
Objective aperture	Telescope: Φ45mm(meas.dist.: Φ50mm)	Laser plummet(Standard)*4	
Magnification	30×	Accuracy	±1mm/0.8m-1.5m
Field of view	1°30′	Spot size	≤2.0mm/0.8m-1.5m
Shortest focus distance 1.0m		Optical plummet(Factory Optional)	
Angle measurement		Accuracy	±0.8mm/1.5m
Reading system	Absolute encoder	Image	Erect
Angle unit	360°/400gon/6400mil, selectable	Magnification	3 ×
Display resolution	1"/5"/10"(or 0.2mgon/1mgon/2mgon)	Field of view	4°
Accuracy	2"	Focus range	0.5m to ∞
Distance measurement		Power	
Laser class(IEC60825-1)		Battery	5200 mAh Li-ion Rechargeable
Reflectorless	Class 3R	Output voltage	7.4V DC
Reflective sheet/RP60	Class 3R	Continuous operation time	Approx.8 hours(At+20°C)
Prism	Class 1	Charging time(at +20°C)	Approx. 4 hours
Measurement range (Good condition)*2		Third Party software supported	
Reflectorless*3		Surpro 6.0	
Reflectorless	1 to 1000m	Others	
Reflective sheet/RP60	1 to 1200m	Display 5.5 inch; Resolution 720*1280	
Single prism	1 to 5000m	CPU 4-core 64 bit ARM A55 CPU 2GHZ	
Accuracy		Memory 4G RAM+32G ROM(8G+128G optional	
Prism	2mm+2ppm	Keyboard	15 keys under the display
Reflective sheet/RP60	2mm+2ppm	Interface USB /Type C/Bluetooth/WIFI/	
Reflectorless	2mm+2ppm	RS-232C(4G module optional)Trigger key/	
Measuring time		TF card/Voice output/Buzz o	output/RTC/ Supported
Fine mode	0.5s	Screen backlight adjustment/	
Tracking mode	0.3s	Temperature and air pressure sensor	
Display resolution(m/i	nch selectable) 0.1mm/1mm	Network	( 4G optional)
Pressure input range	500hPa to 1500hPa (1hPa steps)	System	ANDROID 11.0
Temperature input ra	nge -40°C to+60°C(1°C steps)	Water and dust protection	IP55(IEC60529)
Prism constant correc	ction -99.9mm to +99.9mm	Operating temperature	-20°C-+50°C
Compensator	Dual-axis	Storage temperature	-40°C-+55°C
Range/Setting accura	cy ±3'/1"		

<sup>\* 1</sup> Standard deviation based on ISO17123-3

## **130 SUPERTECH SURVEY & SERVICES PVT. LTD.**

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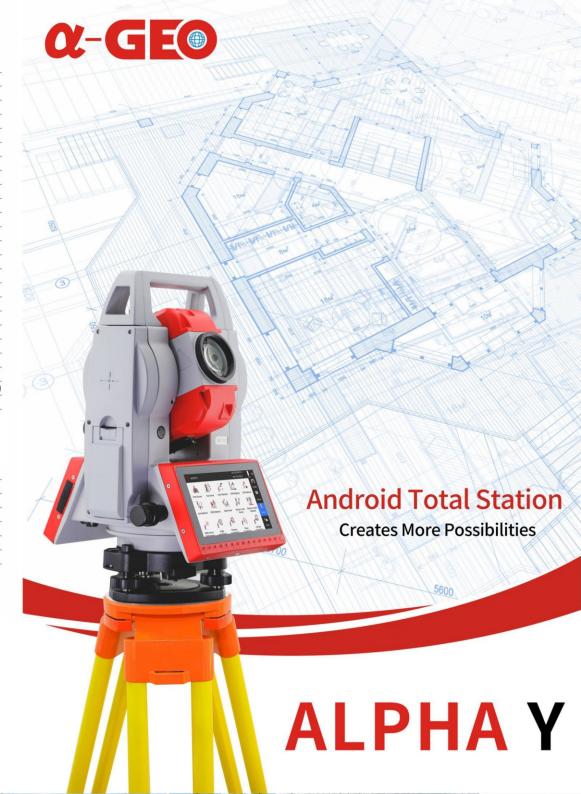
E-mail: supertechsurvey01@gmail.com,contact@supertechsurvey.com

Website: www.supertechsurvey.com,www.supertechsurvey.co

**BRANCH OFFICE** 

DELHI(NCR),KOLKATA,HYDERABAD,PATNA,,MP,SRINAGAR,MUMBAI

**MULTI BRAND EQUIPMENTS REPAIR, SERVICE & CALIBRATION** 



<sup>\* 2</sup> Good conditions: no haze, visibility about 40km, no heat shimmer, breeze

<sup>\*3</sup> Reflector: White side of Kodak Gray Card with 90% reflective \*4 Laser plummet mounted on the bottom of the vertical axis Illustrations, descriptions and technical specifications are not binding and may change

### **Product Feature** >>>

#### Intelligent operating system

Android 11 system with open platform and strong scalability, which can customize APP according to the needs of different industries



Equipped with quad-core processor, ARM Cortex-A55 architecture, can clocked up to 2GHz



Bluetooth, wifi, USB disk, Type-C, 4G full network (optional)

#### Extra memory and storage

4G RAM+32G ROM (expandable 8G+128G), running smoothly without lag

#### HD large screen

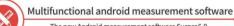
720P HD 5.5-inch large screen, 1280 "720 high resolution, clearly visible in strong light



Large capacity battery and intelligent power management support long working time and single and double side switching display



Design of CCD array angle measurement system to effectively eliminate system errors



The new Android measurement software Surpro6.0 with rich measurement programs, easy to complete the internal and external business measurement

#### Convenient and fast data transfer

Easily import and export Csw/txt/dat files, support CAD drawing import, CAD lofting, and OTA upgrade

Graphical stake out, clear at a glance

Supports CAD graphics stake out, making stake out more efficient





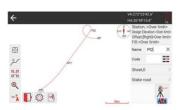


Software Interface >>>

Installation of glass curtain w



**CAD Stakeout** 



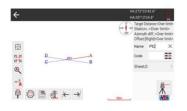
**Road Stakeout** 



Point Stakeout



**CAD Mapping** 



**Tower Stakeout** 



**Data Share**