SPECIFICATIONS		N2	N2H	
Distance Measurement	Range *1	5000m(Prism)),1000m(Sheet)	
with Reflector	Accuracy	±(2+2ppm.D)mm		
	Measure Interval	Fine: 0.3s, Tracking: 0.1s		
Distance Measurement	Range *2	1000m		
without Reflector	Accuracy	0~500m: ±(3mm + 2 x 10-6.D)		
	·	500~1000m: ±(5mm + 2 x 10-6.D) 1000~2000m: ±(10mm + 2 x 10-6.D)		
	Measure Interval	0.3-3s		
Angle Measurement	Accuracy		2"	
	Measure Method (HZ/V)	Absolute Continuous, Diametrical		
	Diameter of Encoder Disk	79mm		
	Display Resolution	0.1"/1"/5" (Optional)		
	Compensation	Liquid, Dual Axis Compensation		
	Compensator Setting Accuracy	1"		
	Compensator Range	±4'/±6'(Optional)		
Telescope	Image	Erect		
	Tube Length	154mm		
	Effective Aperture	45mm (EDM:50mm)		
	Magnification	30X		
	Resolving Power	3"		
	Field of View	1°30"		
	Focusing Range Reticle	1.4m		
Vial	Plate Vial	Illuminated, 4 Brightness Level		
	Circular Vial	30"/2mm		
		8'/2mm		
Laser Plummet	Туре	Laser Point, 4 Brightness Level		
(Default)	Accuracy	±1.5mm at 1.5M Instrument Height 630-670nm		
	Wavelength			
	Laser Class	Class 2 /IEC60825-1		
	Laser Power	<0.4mW		
Auto Height*1*2	Measure Range	/	0.5m-3m	
	Accuracy	/	±1.5mm@1.5m	
Guide Light	Туре	LED		
	Wavelength	Red 635nm/ Green 590nm		
	Effective Range	200m		
System Config	Operating System	Android 11.0		
	Processor	MT6762		
	Internal Memory	RAM: 4GB; ROM: 64GB		
Communication	Interfaces	-Micro SIM		
		-USB Type C (OTG)		
		-TF Card		
	Network	3G 2100/900 CDMA BC0 TDSCDMA A/F		
		4G LTE band1/3/7/38/39/40/41		
	Bluetooth	Bluetooth 4.0		
	WLAN	Dual-Band Single Stream 802.11 a/b/g/n RF for Data Link		
	Microphone / Speaker	Available		
Display	Туре	5.0 Inch, TFT LCD Screen, 720*1280, Alphanumeric keyboard		
Battery	Туре	Lithium-Ion, 7.4V		
	Operating Time	8 Hours		
Dimension	Size	215mm*170mm*350mm		
	Weight	5.95kgs		
Environmental	Temperature Range (Operation)	-20°C ~ 60°C		
	Protection	IP55		

^{*0:} SI60825-1,2015

^{*2:} White objects with high reflectivity (KGC 90%)



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N2 Series Android Total Station



- New! Android 11.0 Operating System
- Reliable EDM 2000m Non-Prism Range(Optional)
- High Precision 2", 2+2ppm
- User Friendly with EDM Trigger Key
- 5.0 Inches Color Touchscreen
- Fast, Simple and Flexible Data Transfer
- Intuitive Onboard Software Survstar

^{*1:} Good conditions (good visibility approx.40km, overcast, twilight)

Android Total Station N 2 Series

With the proven dual-laser technology, N2 Series features a powerful and reliable EDM module designed for extremely long-range, fast speed and stable measurement, even under the tough conditions.

All these combined in the new-designed colorful touch screen with fast, simple and flexible data transfer, which makes you more productive than ever before.

Reliable and Outstanding EDM

- 1000m/1500m/2000m Non-prism Range Optional.
- 5000m Prism Range.
- Improved the Algorithm by Dual-Laser EDM.

Guaranteed High Precision

- 2" Angle Accuracy.
- 2+2ppm Distance Accuracy.
- Extremely Fast (0.3s) When Getting the Target.

EDM Trigger Key

- Achieve the Target by Only One Simple Button Press.
- Not Necessary to Taking Your Eyes Off the Telescope.

New Designed Control Panel

- 5.0 Inch Color Touchscreen for Higher Readability.
- User-Defined Numeric and Functional Keys.
- Unique Brightness Sensor with Virtual Button, Which Provides a Smartphone-like Experience.

Fast, Simple and Flexible Data Transfer

- Support USB-Type C, TF Card, SIM Card Slot
- Flexible Data Transfer with Bluetooth and Wi-Fi Technology.

Reliable and Outstanding EDM - 2000m Non-Prism

Guaranteed High Precision - 2", 2+2ppm

User Friendly - EDM Trigger Key

Smartphone-like Experience - Brightness Sensor with 5.0 Inch Touchscreen

Fast, Simple and Flexible Data Transfer



Digitizing Your Work by **Survstar**



Iconic User Interface

The Survstar onboard program features an iconic display of the survey elements, like electronic bubble, and iconic toolbar. It provides a better understanding for station setup, data collect, stake out in daily tasks.



Map-Driven Workflow

Map is an interactive display feature embedded in Survstar. It offers a graphical display of the survey elements with base map, which can be downloaded by network, or imported by manual.

It provides a better understanding for data collect, stake out in daily tasks.

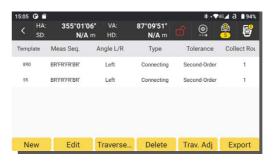


Powerful Onboard Program

Including Free Station, COGO, CAD Stake Out, Arc Stake Out, Reference Line, Traverse, etc.

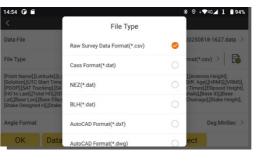
CAD Stake Out

With CAD Stake Out, N2 Series helps to handle the data and stake out freely in DWG or DXF files. The only thing you need to do is import the CAD files to your N2 Series total station.



Traverse

When you've got a very difficult site with a lot of obstructions like trees, that obscures our visibility; Or when you can't measure or place the points you need, traverse on N2 Series total station helps to get a few more control points to work further than the first orientation.



Flexible Data Manage

You can send or receive your data to your controller or PC more flexible than ever, by multiple data format, e.g. *.txt, *.dxf, *.dat, *.csv, *xls.

When you've got a N2 Series total station, you will have infinite possibilities.