

## SPECIFICATIONS

		NTS-362R	NTS-365R
<b>Distance Measurement</b>			
Max. Range	Reflectorless	300m (※)	
	Single prism	5.0km	
※Object in shade, or sky overcast			
Accuracy	Reflectorless	Fine	5+2ppm
		Tracking	10+2ppm
	Reflector	Fine	2+2ppm
		Tracking	5+2ppm
	IR sheet	5+2ppm	
Reading		Max:99999999.9999 m Min:0.1 mm	
Measuring Time	Reflectorless	Fine mode: <1.2s ;Tracking mode:<0.5s	
	Reflector	Fine mode: <1.2s ;Tracking mode:<0.5s IR sheet mode:<1.2s	
Atmospheric Correction		Manual input, Auto correction	
Atmospheric Refraction And Earth Curvature Correction		Manual input, Auto correction	
Prism Constant		Manual input, Auto correction	
Dist. Unit		Meter / U.S. feet/International feet/Feet -inch selectable	
<b>ANGLE MEASUREMENT</b>			
Measuring Method		Absolute continuous	
Dia. of Raster Disk		79mm	
Minimum Reading		1" / 5" Selectable	
Accuracy		2"	5"
Detection Method		Horizontal: Dual, Vertical: Dual	
<b>TELESCOPE</b>			
Image		Erect	
Tube Length		154mm	
Effective Aperture		45m m , (EDM: 50m m)	
Magnification		30 ×	
Field of view		1° 30'	
Minimum Focus Distance		1m	
Resolving Power		3"	
<b>AUTO COMPENSATOR</b>			
System		Dual axis Liquid-electric	
Working Range		± 3'	
Accuracy		3"	
<b>VIAL</b>			
Plate Vial		30" / 2m m	
Circular Vial		8' / 2m m	
<b>OPTICAL PLUMMET</b>			
Image		Erect	
Magnification		3 ×	
Focussing Range		0.5m ~ ∞	
Field of View		5°	
<b>ON-BOARD BATTERY</b>			
Type		Rechargeable Ni-H battery	
Voltage		DC 6V	
Continuous Operation Time		8 hrs	
<b>OTHERS</b>			
Display		LCD, 6 lines, digital	
Data Communication		RS-232C , USB , SD	
Temperature		-20° ~ +50°C	
Dimension and Weight		160×150×330mm, 5.2kg	

Dealer info

## STANDARD CONFIGURATION



- |                            |    |
|----------------------------|----|
| 1. Mainbody                | 1x |
| 2. Backup on-board Battery | 2x |
| 3. Charger                 | 1x |
| 4. Communication Cable     | 1x |
| 5. Tools Kit               | 1x |
| 6. Belt for Case           | 2x |
| 7. Dryer                   | 1x |
| 8. Plummet                 | 1x |
| 9. Carrying Case           | 1x |
| 10. Operation Manual       | 1x |

### USB Communication Cables



CE-203U

### Battery and Charger



NB-25

NC-20

EU/US/JP/UK/UL Type chargers available

## COMPATIBLE ACCESSORIES



Solar Filter  
NF-20

Diagonal Eyepiece  
NE-20

# SOUTH

# NTS-360R

## SERIE TOTÁLNÍ STANICE



# SOUTH

SOUTH SURVEYING & MAPPING INSTRUMENT CO., LTD.

Add: 5/F, No.8, Jiangong Road, Tian He Software Park, Zhongshan Avenue West, Guangzhou 510665, China

Tel: +86-20-85529099/85524990

Fax: +86-20-85524889/85529089

E-mail: mail@southsurvey.com export@southsurvey.com imexp@southsurvey.com euoffice@southsurvey.com

http://www.southsurvey.com http://www.southinstrument.com

WWW.SOUTHSURVEY.COM

WWW.SOUTHINSTRUMENT.COM

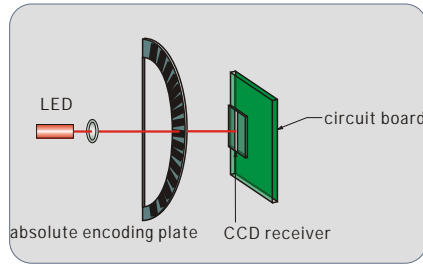


## Výborná funkčnost

SOUTH total station NTS-S360L/R is embedded with various outstanding surveying programs, coupled with functions of data storing and parameter setting, which can be widely applied in various kinds of professional and construction survey.

### Absolute Encoding Disk

With absolute encoding disk, you can start your work directly as the instrument is powered on. Azimuth angle will be saved even if the power is off incidentally in the job.

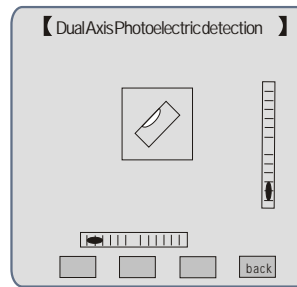
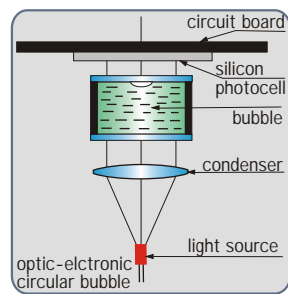


### Six-line large LCD



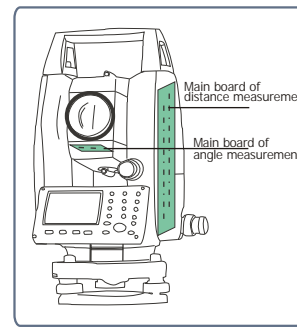
Convenient Management on Internal Memory. Huge capacity of internal memory enables you to easily complement file system management, including adding, deleting, modifying and transferring data.

### Dual Axis Compensation



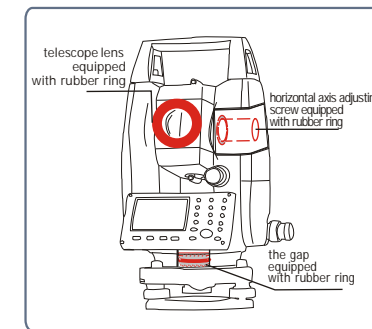
### SD card Function and USB interface

SD card provides huge memory, fast speed of data transferring, incredibly flexibility and reliable safety. Saving various data of job into the SD card, you can easily read it just by inserting it into the SD port of your laptop. USB interface is the international mainstream for PC communication, with it your job must be much easier.



Different Main Board

Using different main board for angle measurement and distance measurement, more simple and reasonable structure, easy maintaining.



Water and Dust Proof: IP65



Laser Plummet ( optional)

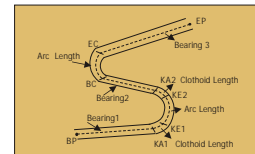
### Reflectorless Distance Measurement



Total station NTS-360R series is functioned by reflectorless distance measurement, range up to 300m which is applicable for long distance measurement with high accuracy on various kinds of materials or colors such as wall, wire pole, wire, cliff, hill, earth, timber pile, etc. For those targets which are not easy or even impossible to reach, reflectorless distance measurement can complete the measurement task easily.

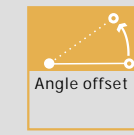
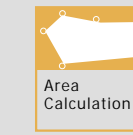
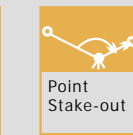
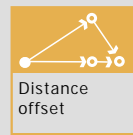
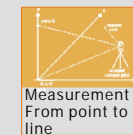
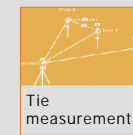
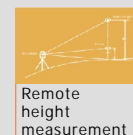


### Various Surveying Programs



The Road Design Measurement

Besides of ordinary surveying programs, such series of total station also has special surveying programs, such as remote height measurement, offset measurement, remote distance measurement, stake out, resection, area calculation, road design and stake-out, etc., which are sufficient to meet the needs of professional measurement and surveying measurement.



# LANDING

