



Windows CE Total Station DTM-952R



SIMAI SURVEYING INSTRUMENT CO., LTD

Windows CE Total Station DTM952R

Distance measurement		
Maximum distance (under good weather conditions)	Single prism Three prisms Non-prism	3.0 Km 5.0 Km 400m or 600m (optional)
Numeric display		Maximum: 99999999.999 m minimum: 1mm
Accuracy		Non-prism: 5+3ppm; prism: 3+2ppm
Unit		m/ft (optional)
Measuring time		Fine measurement: 2s each time; tracking: 0.8s
Number of measurements		1~99 measurements can be taken
Meteorological correction		It will automatically correct it with parameters entered
Atmospheric refraction and earth curvature correction		It will automatically correct it with parameters entered; K=0.14
Prism constant correction		It will automatically correct it with parameters entered
Angle measurement		
Measurement mode		Absolute code
Grating disc diameter (horizontal, vertical)		79mm
Minimum display reading		1"
Detection method		Vertical disc: diameter Horizontal disc: diameter
Accuracy		2"
Telescope		
Imaging		Positive image
Barrel length		170mm
Effective aperture of objective lens		48mm
Magnifying ratio		30×
Field angle		1°30'
Resolution		3.5"
Minimum focusing distance		1.5m
Automatic vertical compensator		
System		Single- or double-axis liquid electronic sensing and compensation
Operating range		±3'
Accuracy		±3 "
Level		
Level tube		20" / 2mm, 30" / 2mm
Circular vial		8' / 2mm
Optical plummet		
Imaging		Positive image
Magnifying ratio		3×
Focusing range		0.5m ~ ∞
Field angle		5°
Display		
Type		Double sides, lattice 240X320 LCD, 3.5 inch touching screen operation
Operation System		Microsoft Windows CE.NET 5.0
Data transmission		
Interface		RS — 232C, Bluetooth, SD-card, Mini USB
Onboard battery		
Power		Rechargeable mh-ni battery, rechargeable lithium battery
Voltage		Lithium battery: DC7.6V; mh-ni battery: DC7.2V
Continuous working hours		4h
Size and weight		
Overall dimensions		174×207×383mm
Weight		6.8kg

SIMAI SURVEYING INSTRUMENT CO., LTD

info@simaisurveyinginstrument.com www.simaisurveyinginstrument.com

ADD: 22#2802 RUNYUAN, NO.293 LIANHUA ROAD, ECONOMIC AND
TECHNOLOGICAL DEVELOPMENT ZONE, HEFEI CITY, ANHUI PROVINCE, CHINA.

