

## **ROBOTIC TOTAL STATION**



Employing the most advance and powerful servo - torque motor - in industry, AXIS10 gives more possibilities from monitoring to one-man survey.



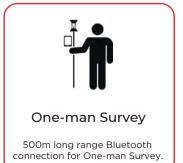
Electronmechanical Motor provides accurate and efficient workflow with higher mobility.





Prism Find & Follow

1000m prism recognize 300m prism scan 60km/h @100m tracking speed



## SPECIFICATIONS

YSTEM		XTrak MOTORIZATION	
OS	Android 9.0	Туре	Torque motor
Processor	Quacomm Snapdragon MSM8953	Maximum Speed	180°/s
Internal Memory	RAM 3GB, ROM 32GB	Recognize	
Internativeniory		Working Range	1.5-1000m
		Searching Time	
TELESCOPIC		Field of View	5s
Length	164.5mm		1.2°
Diameter	Telescopic: 45mm; EDM: 47mm	scAn	
Magnification	30x	Range	1.5-300m
Image	Erect	Typical Scanning Time	<15s
Field of View	1°30′	Field of View	V: 20°, H: 360°
Resolving Power	3″	locK	
Minimum Focus	1.5m	Tracking speed	60km/h at 100m
DISTANCE		COMPENSATOR	
Single Prism Range	6,000m	Tilt Sensor	Dual axis
Accuracy	±(1mm+1mm*D)m.s.e	Method	Liquid electric
Non-prism Range	1,000m	Range	4'
Accuracy	±(3mm+2mm*D)m.s.e	Resolution	1″
Measuring Time - Prism	Fine: <0.7s; Tracking: <0.3s		
- Non-P	<600m: 0.5-3s; >600m: max.10s	LEVEL	
PPM Correction	Auto Sensor	Plate Level	30"/2mm
Prism Constant	Manual	Circular Level	8'/2mm
			07211111
ANGLE		COMMUNICATION	
Accuracy	0.5"/1"	I/O Interfaces	RS232, USB, MicroUSB
Method	Absolute Encoding	Bluetooth	Bluetooth 4.0
Detecting System	H: quatruple; V: quadruple	WLAN	Dual-band 8.2.11/a/b/g/n
Minimum Reading	0.1"	Microphone/Speaker	Yes
Diameter of Circle	79mm	The option stop could	
Vertical Angle 0°	Zenith: 0°; Horzontal: 0°		
Unit	360°/400gon/6400mil	GENERAL	
Unit	360 7400g01/64001111	Quick-meas Button	Yes
		Weight	9.5kg
DISPLAY		Dimension	430 (H) * 255 (L) * 235 (W) mm
Display Unit	6" color and touch LCD	Operating Temperature	-20°C to 50°C
No. of Displays	2	Battery	Li-on battery, 14.4V, 6400mAh
		Water & Dust Proof	IP66
PLUMMET		Working Duration	8h
	Lasar Class II -0 4mm		
Туре	Laser, Class II <0.4mm		
Deviation	@ 1.5m height <2.0mm		
	@ 1.5m height		



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