

Items		T2-2	
Telescope	Image	156mm/Erect	
	Magnification	30 X	
	Field of view	1° 30'	
	Shortest focus distance	1 m	
	Objective Lens	Φ45 mm	
	Reticle illumination	YES, adjustable	
Angles	Accuracy	2"	
	Reading system	Absolute encoder	
	Angle unit	360°(dms/d)/400gon/6400mil	
	Display resolution	1"/0.0002gon/0.005mil	
Distance measurement	Accuracy	No Prism	$\pm(3+2 \times 10^{-6}D)$ mm / (2~150) m $\pm(5+3 \times 10^{-6}D)$ mm / (150~300) m $\pm(10+5 \times 10^{-6}D)$ mm / (300~500) m
		60x60 Reflective sheet	$\pm(3+2 \times 10^{-6}D)$ mm
		Prism	$\pm(2+2 \times 10^{-6}D)$ mm
	Measuring range	No Prism	1.0~500 ¹ m
		60x60 Reflective sheet	1.0~800 m
		Mini Prism	2.0~800 m
		Prism	2.0~3000 ² 2000 ³ 1500 ⁴ m
	Measure time ⁵	Fine	2.0 (Initial 3.0) sec
		Fast	1.5 (Initial 2.5) sec
		Tracking	0.5 (Initial 2.5) sec
	Distance Unit	m/ft/US ft[1]	
	Display resolution	0.0001m/0.001ft/0.001ft	
	Tilt Sensor	Compensating system	Dual-axis
Compensating range		±3.0'	
Zero error		30"	
Optical Plummet	Image	Erect	
	Accuracy	8/ 1.5	
	Magnification	3x	
Level Vial	Plate level	30"/2mm	
	Circular level	8'/2mm	
Display		160×96 -LCD Two sides, LCD, 160x96 points	
Memory		Internal: 128MB/External: 4GB SD card	
Interface		RS-232C /SD card/USB/Class 1 Bluetooth	
Power	Battery	3400mAh Rechargeable Li-on battery	
	Output voltage(DC)	7.4 V	
	Low battery warning		10min
			Auto power off after buzzer warning 10min
	Working time	Angle measurement	10 Hrs
Distance measurement		6 Hrs (Continuous distance measurement)	
Water and dust protection		IP55 (IEC60529)	
Operating temperature		- 20 ~ +50 °C	
Weight with battery		<5.5 kg	
Charger		USA 110/220V Charging time: approximately 4hrs	