



Feature	Detail
Telescope	
Image	Erect image
Magnification	30x
Effective aperture	45mm
Resolving Power	3"
Field of view	130
Minimum	1.4m
Stadia Ratio	100
Stadia Constant	0
Sight Distance Precision	0.40%L
Tube Length	157mm
Angle Measurement	
Angle Measurement Mode	Photoelectric detection by incremental decoder
Diameter of circle (vertical, horizontal)	79mm
Mode detection	Horizontal angle: dual; Vertical angle: (single)
Measurement unit	360o /400gon/6400mil (available to choose)
Levelling vial	
Sensitivity of plate vial (/2mm)	30" /2mm
Sensitivity of circular vial	8' /2m
Vertical compensatory	
System	Liquid condenser
Working range	±3"
Precision	1"
Optical Plummet	
Image	Erect Image
Magnification	3x
Focusing range	0.5~μ
Field of view	5o
Display	
Type	LCD, Double line, line segment
Data input/output	
Data interface	RS-232C
On-board battery	
Power source	Rechargeable Ni-H battery
Voltage	DC6V
Operating time	8h
Working environment	
Working temperature	-20o~+45o
Instrument Dimension / Weight	160x150x330mm / 5.2kg