

# Astor DT-10

## Electronic Theodolite



### DT-10 Features

- Solid design
- Ruggedized battery pack
- Laser plummet for easy positioning
- Absolute encoders for quick setup/precise angle readings
- One second resolution on angle reading
- Rechargeable Lithium battery or 3 x AA alkaline battery
- Up to 30 hours continuous working time
- Weighs 4.8kg
- Dimensions 160 × 175 × 340mm

### Specifications

Display	Double LCD
Working Temperature	-20 ~ +50 °C
<b>Telescope</b>	
Length of telescope	156mm
Image	Erect
Magnification	30X
Objective aperture	45mm
Field of view	1°30
Minimum focus	1.35m
Stadia ratio	100
Stadia constant	0
Resolving power	3.5"

<b>Angle Measurement System</b>	
Angle measuring method	Absolute code
Minimum reading	1" or 5"
Detection system	Horizontal: Single side ; Vertical: Single side
Angle measuring accuracy	10"
<b>Laser Plummet</b>	
Power of laser diode	1mw
Diameter of laser diode dot	≤2mm
Accuracy of laser diode	1.0mm
<b>Bubble Level</b>	
Accuracy of plate bubble	30"/ 2mm
Accuracy of circular bubble	8'/ 2mm