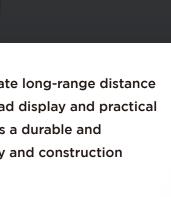
MANUAL TOTAL STATION





Stable performance with accurate long-range distance measurement, clear, easy-to-read display and practical onboard software. AXIS 2 offers a durable and versatile solution to your survey and construction tasks.





Efficient Operation

Customizable Hot Keys Shortcuts **Trigger Button**



Trusted Measurement

2" Angle Accuracy 1,500m | 2,000m NP Range Stable. Reliable



Data Transfer

USB drive Bluetooth



Long Duration

Smart Battery Manager 3,000mAh Battery 16h working time

SPECIFICATIONS

TELESCOPIC

Length 154mm

Diameter Telescopic: 45mm; EMD: 50mm

Magnification 30x Image Erect Field of View 1°30′

Resolving Power 3"
Minimum Focus 1.5m

DISTANCE

Single Prism Range 5,000m

 Accuracy
 ±(2mm+2mm*D)m.s.e

 Non-prism Range
 1,500m | 2,000m (AXIS 2L)

 Accuracy
 ±(3mm+2mm*D)m.s.e

 Measuring Time
 Fine: 0.3s; Normal: 0.2s

Meteorologic Correction Auto Sensor
Prism Constant Manual

ANGLE

Accuracy 2"

Method Absolute Encoding

Detecting System H: dual; V: dual

Minimum Reading 1"/5"/10"

Diameter of Circle 79mm

Vertical Angle 0° Zenith: 0°; Horizontal: 0° Unit 360°/400gon/6400mil

DISPLAY

Display Unit 160*90 with backlight, 6 lines

No. of Displays 2

Keyboard Alphanumeric

GUIDE LIGHT

Type Red+yellow flashing LEDs

Working Range 150m

PLUMMET - LASER

Type Class II red laser
Accuracy <0.4mm @ 1.5m height

Spot Diameter <1.5mm @ 1.5m height

- OPTICAL *optional

Image Erect
Magnification 3X

Focusing Range 0.3m - ∞

Field of View 5°

TILT CORRECTION

Tilt Sensor Dual axis

Method Liquid electric

Range 4'
Resolution 1"

LEVEL

Plate Level 30"/2mm
Circular Level 8'/2mm

DATA INTERFACE

Internal Memory > 10,000 points

Data Interface USB2.0

Wireless Bluetooth 2.1, WT12

GENERAL

Quick-meas Button Yes
Weight 5.4kg

Dimension 353 (H) * 206 (L) * 200 (W) mm

Operating Temperature -20°C to 50°C

Battery Li-on battery, 7.4V, 3000mAh

Water & Dust Proof IP55
Working Duration 16h





