

# GRAPHIC TOTAL STATION

## AXIS 4



### When Flexibility Matters.

Benefited from the 4" color and touch screen, graphical display and brand-new iconic onboard program, AXIS 4 Series is the perfect and professional choice for surveyors and constructors.

Improved workflow like COGO, quick code, road and stake out helps you work faster and easier than ever.



#### Trusted Measurement

1,500m NP Range  
1"/2" Angular Accuracy  
1+1ppm/2+2ppm



#### Graphic Display

Strong graphical capability allows viewing after each measure.



#### AutoHI

Measure the instrument height from advanced laser plummet.



#### Flexible Transfer

Transfer by Bluetooth, USB flash disk, cable, WLAN or even by mails.

# 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	AXIS 4/4L: $\pm(2\text{mm}+2\text{mm}*D)\text{m.s.e}$ AXIS 4P: $\pm(1\text{mm}+1\text{mm}*D)\text{m.s.e}$
Non-prism Range	AXIS 4: 1,500m AXIS 4L: 2,000m AXIS 4P: 1,000m
Accuracy	$\pm(3\text{mm}+2\text{mm}*D)\text{m.s.e}$
Measuring Time	Fine: 0.3s; Normal: 0.2s
Meteorologic Correction	Auto Sensor
Prism Constant	Manual

## ANGLE

Accuracy	AXIS 4/4L: 2" AXIS 4P: 1"
Method	Absolute Encoding
Detecting System	AXIS 4/4L: dual; AXIS 4P: quadruple
Minimum Reading	1"/5"/10"
Diameter of Circle	79mm
Vertical Angle 0°	Zenith: 0°; Horizontal: 0°
Unit	360°/400gon/6400mil

## DISPLAY

Display Unit	4" color touch LCD
No. of Displays	2
Keyboard	Alphanumeric, soft keyboard

## GUIDE LIGHT

Type	Red+yellow flashing LEDs
Working Range	150m

## PLUMMET - AutoHI Laser Plummet (AXIS 4L/4P)

Type	Class II red laser
Measuring Range	0.6-2.0m
Minimum Reading	1mm
Distance Accuracy	3mm
Deviation	0.6mm @ 1.5m height
Spot Diameter	1.5mm @ 1.5m height

## 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	32GB
Data Interface	USB2.0, MicroUSB, RS-232
Wireless	Bluetooth 2.0/4.2, Wi-Fi, SIM card

## GENERAL

Quick-meas Button	Yes
Weight	6kg
Dimension	353 (H) * 206 (L) * 200 (W) mm
Operating Temperature	-20°C to 50°C
Battery	Li-on battery, 7.4V, 5000mAh
Water & Dust Proof	IP55
Working Duration	10h