

AXIS 9



AXIS 9 is equipped with a 5.0-inch high-resolution touchscreen and runs on the Android 9 operating system, which features the iconic and graphic program onboard. The inclusion of built-in guide light and auto H.I simplifies the measuring and staking out tasks. AXIS 9 is boosts your efficiency in any where.



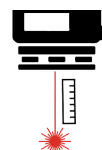
Realtime Location Plan

Strong graphical capability allows viewing location plan after each measure.



Trusted Measurement

1"/2" Angle Accuracy
1.5km/2km NP Range
Stable. Reliable.



AutoHI

Measure the instrument height from advanced laser plummet.



Android 9

Easy and smooth UI
Google Service
Internet Connection

SPECIFICATIONS

SYSTEM

OS	Android 9.0
Processor	MT6735
Internal Memory	RAM 3GB, ROM 32GB

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 9/9L: $\pm(2\text{mm}+2\text{mm}*D)\text{m.s.e}$ AXIS 9P: $\pm(1\text{mm}+1\text{mm}*D)\text{m.s.e}$
Non-prism Range	AXIS 9: 1,500m AXIS 9L: 2,000m AXIS 9P: 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 9/9L: 2" AXIS 9P/9i: 1"
Method	Absolute Encoding
Detecting System	AXIS 9/9L: H: dual; V: dual AXIS 9P: H: quadruple; V: quadruple
Minimum Reading	1"/5"/10"
Diameter of Circle	79mm
Vertical Angle 0°	Zenith: 0°; Horizontal: 0°
Unit	360°/400gon/6400mil

DISPLAY

Display Unit	5" color touch LCD
No. of Displays	2
Buttons	2 volume buttons, 1 power button on each display

GUIDE LIGHT

Type	Red+yellow flashing LEDs
Working Range	150m

LASER PLUMMET - AutoHI

Availbel on AXIS 9L/9P	
Type	Class II red laser
Measuring Range	0.6-2.0m
Minimum Reading	1mm
Distance Accuracy	3mm
Deviation	0.4mm @ 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

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

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, 5,000mAh
Water & Dust Proof	IP55
Working Duration	10h