

Zoom10 Pro

Built for the field, empowered by X-PAD



Professional accuracy

Accurate reflectorless measurements up to 600 metres, an angular accuracy of 2", and 2 displays support professional results, while workflow guidance from X-PAD running on any Android device or field controller means faster measuring and layout for productivity gains.

X-PAD software integration

Fully integrated with the X-PAD Suite, the Zoom10 Pro enables intuitive data collection, real-time cloud sync, and flexible field-to-office collaboration. Whether you use X-PAD Ultimate GO or the full X-PAD Ultimate, you'll benefit from scalable and user-friendly software unmatched in its class.

Gateway to digital workflows

For professionals upgrading from tapes and strings, the Zoom10 Pro offers a way to enter the world of digital measuring with a low total cost of ownership and minimal training. It's a smart solution that grows with your business and is backed by GeoMax's excellent support and service.



Scan to find out more on the
Zoom10 Pro

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The Zoom10 Pro is an easy-to-use, reliable and robust manual total station offering an excellent price to performance ratio that makes it a smart investment to start working with total stations.

Integrated into the powerful but intuitive X-PAD software* ecosystem, it is a solution that both meets you where you're at and can scale as you expand into more complex tasks and digital workflows.

Embedded in GeoMax's excellent local service and support network, you can get help when you need it to keep working, and with vast training resources, you can easily expand your skills to get the most out of your Zoom10 Pro.

ANGLE MEASUREMENTS

Accuracy	2" (0.6 mgon)
Method	Absolute Encoding

COMPENSATOR

Compensation	Dual axis
Compensation range	+/- 3'

DISTANCE MEASUREMENTS (PRISM)

Single-prism range	3000 m
Three-prism range	6000 m
Accuracy	2 mm + 2 ppm

DISTANCE MEASUREMENTS (NON-PRISM)

Reflectorless range	600 m
Accuracy	3 mm + 2 ppm
Measuring Time	1.5 sec

TELESCOPE

Magnification	30x
Field of View	1°20' (2.3 m at 100 m)
Reticle Illumination	Yes, adjustable brightness

PHYSICAL SPECIFICATIONS

Weight	5.5 kg (w/o battery and tribrach)
Operating- / storage temperature	-20° C to 50° C / -40° C to 70° C
Protection class	IP54 dust and waterproof rating
Humidity	95%, non condensing

POWER SUPPLY

Internal battery	ZBA10, removable and rechargeable Li-Ion 3 Ah / 7.4 V
Operating time	10 to 16 h **

INTERFACE

Keyboard	2 sides alphanumeric backlit rubber keyboard
Display	High resolution backlight black and white display with contrast adjustment; Graphics: 280 x 160 pixels; Character: 6 lines x 25 characters
Ports	Standard RS232, SD card, USB drive with micro USB, Bluetooth®

SYSTEM AND DATA

Operating System	Dedicated onboard software
Internal memory	20'000 points
Data Transfer	Removable SD card, USB device, Bluetooth®

LASER PLUMMET

Type	Laser plummet, 4 brightness levels
Accuracy	1 mm at 1.5 m instrument height

* X-PAD software license must be purchased separately and is not included with the product.

** Operating time depends on configuration (display illumination, active radios, distance measurement sequence) and conditions (temperature, age of battery)



Distance meter (Prism Mode): Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1;

Distance meter (Non-Prism Mode neXus): Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1

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