





Modern data handling

- Large 5" VGA touch screen
- Powerful processor easy & fast handling of big files
- Automatic data backup
- Scout: Quick search for passive prisms within a large area

Maximum flexibility

- Field software: X-PAD
 Ultimate Survey or Build on
 Android, X-PAD Survey or
 Construction on
 Windows Mobile
- Field controllers: GeoMax' or your own device

Smart Investment

- No maintainance cost for field software
- Latest Hexagon technology
- Antitheft feature: PIN/PUK



Scan to find out more on the **Zoom95 Product Page**







geomax-positioning.com

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Zoom95 Series

Zoom95 is the perfect one-person total station.

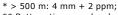
If you are in charge of surveying for construction projects or purchasing devices for your company, this one-person total station is made for you. The prism can be quickly located, tracked and stays locked with the built-in STReAM360 technology.

Combined with our X-PAD Ultimate software, which is open to 3rdparty field controllers and available in Windows and Android, Zoom95 provides a full range of efficient choices. X-PAD software suite has been developed based on our customer feedback. It perfectly matches Zoom95 workflows. It is so easy to use that no extra training is needed.

This solution is not only economical, with no maintenance cost, but your data is digitalised, secure and easy to access.

ANGLE MEASUREMENTS	
Accuracy	1" (0.3 mgon), 2" (0.6 mgon), 3" (1.0 mgon), 5" (1.5mgon)
Display resolution	0.1"
Method	Absolute, continuous, diametrical
Compensation	Quadruple axis
TELESCOPE	
Magnification	30x
DISTANCE MEA	SUREMENTS TO STD. PRISM
ACCURACY/TI	ME (TYPICAL)
Single (fast)	2 mm + 1.5 ppm / 0.8s
Standard	1 mm + 1.5 ppm / 2.4s
Continuous	3 mm + 1.5 ppm / < 0.15s
Range	up to 3500m
DISTANCE MEASUREMENTS - REFLECTORLESS	
Range	accXess5 / accXXess10 500 m / 1000 m
Accuracy	2 mm + 2 ppm*
Time	Typ. 2-6 sec
Precise capture	8x20 mm at 50 m
INTERFACE	
Keyboard	Full alphanumeric; 25 keys; illuminated (2nd optional)
Display	5" WVGA 800x480 colour and touch with LED backlight
Data recording	2 GB internal memory; removable SD card and USB stick
Ports	Serial; USB; internal Bluetooth [®] ; long-range Bluetooth handle External power and WLAN
Operating system	Microsoft® Windows® EC 7.0

MOTORISATION		
Technology	Hybrid Drives	
GeoTRAil - GNSS based prism search		
Speed	100 g/sec	
Scout - Opto-electronic prism search		
Range	300 m at round prism	
TRack - Automatic prism logging		
Range	800 m at round prism	
Max speed	90 km/h at 100m	
AiM - Automatic prism fine aiming		
Range	1,000 m at round prism	
Hz/V accuracy	1"	
Technique	Image processing	
NAVLIGHT ™ - ALIGNMENT AID		
Range	5 m to 150 m	
Accuracy	5 cm at 100 m	
PHYSICAL SPECIFICATIONS		
Weight	5.0 - 5.3 kg (w/o battery and tribrach)	
Operating- / storage temperature	-20° C to 50° C / -40° C to 70° C	
Protection class	IP55 dust and waterproof rating	
Humidity	95%, non-condensing	
POWER SUPPLY		
Internal battery	Removable Li-Ion 4.4 Ah / 7.4 V	
Operating time	Up to 8 h**	
PLUMMET		
Туре	Laser point, adjustable brightness	
Accuracy	1.5 mm at 1.5 m instrument height	



^{*} Battery time may be shorter depending on conditions.





Vertical laser fan emitted from rotating instrument Scouts prism. Target continuousily TRacked. Accurate AiMing at any prism, without looking through telescope.



Distance meter (Prism Mode): Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1; Laser plummet: Laser class 2 in accordance with IEC 60825-1 resp. EN 60825-1,



Distance meter (Non-Prism Mode accXess): Laser class 3R in

accordance with IEC 60825-1 resp. EN 60825-1





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