





# 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

©2021 Hexagon AB and/or its subsidiaries and affiliates. All rights reserved.

### **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.

**MOTORISATION** 

GeoTRAil - GNSS based prism search

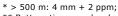
Technology

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
	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 <sup>®</sup> ; long-range Bluetooth handle External power and WLAN
Operating system	Microsoft® Windows® EC 7.0

	-
Speed	100 g/sec
Scout - Opto-electro	nic prism search
Range	300 m at round prism
TRack - Automatic pr	ism logging
Range	800 m at round prism
Max speed	90 km/h at 100m
AiM - Automatic prisi	n fine aiming
Range	1,000 m at round prism
Hz/V accuracy	1"
Technique	Image processing
NAVLIGHT ™ - A	LIGNMENT AID
Range	5 m to 150 m
Accuracy	5 cm at 100 m
PHYSICAL SPEC	IFICATIONS
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
<b>POWER SUPPLY</b>	
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

**Hybrid Drives** 



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





#### Copyright GeoMax AG.

Illustrations, descriptions and technical specifications are not binding and may change. All trademarks and trade names are those of their

respective owners. 11/21 952860 en

MOBILE AUTOMATION

**MOBA Mobile Automation Australia Ptv Ltd** 

90 Willandra Drive, Epping 3076, VIC

03 9357 0055

moba-automation.com.au aumoba@moba.de