

### Manual Total Station WinCE® Series



#### Onboard software flexibility

- GeoMax X-PAD
- GeoMax FieldGenius
- Carlson SurvCE



#### Totally open Windows® CE

- Open WinCE platform
- Open to all 3<sup>rd</sup> party developers
- Open remote communication



#### Fully featured

- Large 3.5" Q-VGA display
- Large 2GB memory
- 500m non-prism range

# Zoom40 - WinCE® Series

Operate it your way, store it your way, process it your way! When flexibility counts the GeoMax Zoom40 Series is your choice.



The flexibility to run X-PAD, FieldGenius or Carlson SurvCE or any other localised field software onboard the Zoom40 with its high resolution graphical Colour- and Touch display it allows you to work in the way that best fits to your needs.

Combined with the capability to measure long distances with high accuracy you can be sure: Zoom40 "works when you do"

<b>Zoom40 neXus5</b>	Distance measurement on reflector and 500m non-prism*
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## ANGLE MEASUREMENTS

Accuracy	2" (0.6 mgon), 5" (1.5 mgon)
Display resolution	1"
Method	Absolute, continuous, diametrical
Compensation	Quadruple axis

## DISTANCE MEASUREMENTS

Prism	3,500 m / 2 mm + 2 ppm
Non-prism	500m / 2 mm + 2 ppm
Footprint	8 x 20 mm**

## PHYSICAL SPECIFICATIONS

Weight	6.12 kg (incl. battery & tribrach)
Operating temp.	-20°C to 50°C***
Protection class	IP54 dust and waterproof
Humidity	95 %, non-condensing

## INTERFACE

Keyboard	Full alphanumeric, dual face (opt.)
Display	3.5" Quarter-VGA colour touch screen (320x240 pixel), 10 lines x 30 characters, self heating, illuminated
Memory size	Internal; 2GB
Interface	USB
Removable memory	USB memory stick
Bluetooth	Device Class 2

## POWER SUPPLY

Internal battery	Removable Li-Ion
Operating time***	36 h (continuous angle), 10h (continuous distance measurement every 30s)

## PLUMMET

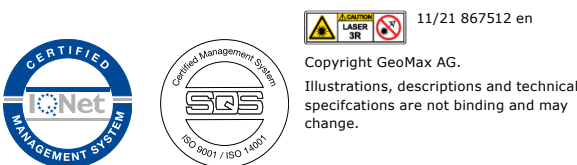
Type	Laser point, adjustable brightness
Accuracy	1.5 mm at 1.5 m instrument height

## OPERATING SYSTEM

Microsoft®	Windows CE
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**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 neXus):** Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1

\* Optimal conditions to Kodak Grey Card (90 % reflectivity)  
 \*\* At 50 m distance  
 \*\*\* at 25°C. Battery time may be shorter depending on conditions.  
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