

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 3rd party developers
- Open remote communication

Fully featured

- Large 3.5" Q-VGA display
- Large 2GB memory
- 500 m (1,640.42') non-prism range



geomax-positioning.us

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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.



Zoom40 neXus5 Distance measurement on reflector and 500 m (1,640.42') non-prism*

ANGLE MEASUREMENTS	
Accuracy	2" (0.6 mgon), 5" (1.5 mgon)
Display resolution	0.1" / 0.1 mgon
Method	Absolute, continuous, diametrical
Compensation	Quadruple axis

DISTANCE MEASUREMENTS	
Prism	3,500 m / 2 mm + 2 ppm (11,482.94 / 0.007' + 2ppm)
Non-prism	500 m / 2 mm + 2 ppm (1,640.42 / 0.007' + 2ppm)
Footprint	8 mm (0.026") x 20 mm (0.066")**

PHYSICAL SPECIFICATIONS	
Weight	6.12 kg (11.68 lbs) incl. battery & tri-brach
Operating temp.	-20°C (-4°F) to 50°C (122°F)***
Protection class	IP54 dust and waterproof

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

The Zoom40 manual total station, with its high resolution color and touch display, gives you the flexibility to run X-PAD, Field Genius, Carlson SurvCE, or any custom windows CE software.

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

INTERFACE	
Keyboard	Full alphanumeric, dual face (opt.)
Display	3.5" Quarter-VGA color 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 (0.002') at 1.5 m (4.921') instrument height

OPERATING SYSTEM	
Microsoft®	Windows CE

* Optimal conditions to Kodak Grey Card (90% reflectivity)
 ** At 50 m (164.04') distance
 *** at 25°C (77°F). Battery time may be shorter depending on conditions.
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