

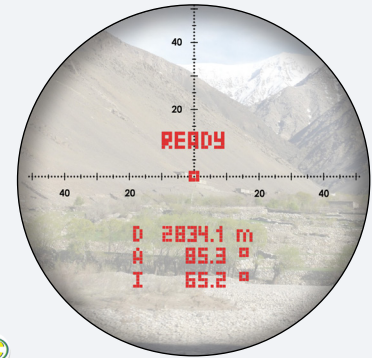
LRM 3500M

LASER RANGEFINDER MONOCULAR

Part Number: NC-35BT



This device compatible with:



Display

The LRM 3500M-35BT is the world's most advanced miniaturized laser rangefinder monocular. Weighing just 460 grams, the LRM 3500M-35BT is capable of measuring distance to targets out to 6 kilometers, but what truly sets this device apart from the rest is its built-in GPS receiver allowing for user and target coordinate measurement, digital magnetic compass, inclinometer, bright LED display, Bluetooth capability, Kestrel ballistic calculator and fully ruggedized design. Users can now communicate with the LRM 3500M-35BT using Newcon Optik's new NC Cronus app. The LRM 3500M-35BT is the ideal tool for professionals who depend on the accuracy and ruggedness of their equipment to get the job done.

Optics	
Magnification (x)	6.5
Objective lens diameter (mm)	30
Field of view (°/mils)	7 / 124
Eye relief (mm)	20
Diopter adjustment range	±5
Rangefinder	
Eye safety	Class 1, eye-safe
Wavelength (nm)	1550
Range capability (m)	10 - 6,000
Specified range capability (m)*	10 - 3,500
Inclinometer range (mils)	±1420
Distance measurement accuracy (m)	±1
Distance units	m / yds
Azimuth measurement accuracy (mils)	±17.5
Inclination measurement accuracy (mils)	±8.8
Speed detection	-
Compass & inclinometer units	°/mils
Time to Power (seconds)	<1
First/last target logic	Yes
Target discrimination (m)	50
Scan mode	Yes
Last 10 readings recall	Yes
Distance between objects	Yes
Horizontal distance between objects	Yes
Azimuth difference between objects	Yes
Inclination difference between two objects	Yes
Height difference between objects	Yes
Etched reticle step (mils)	1
Etched reticle range horizontal / vertical (mils)	120 / 60
User GPS coordinates	Yes
Target GPS coordinates	Yes
GPS coordinates format	Dec Degs Micro

*2.3m x 2.3m albedo 0.3 NATO standard target

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Mechanics, Electronics & Environmental	
Display type	Customized Matrix Red OLED
Computer output, type	USB, Bluetooth
Dimensions with no sleeve (mm)	118x107x54
Weight without batteries (g)	460
Power supply	Non-magnetic 2x CR123 lithium batteries
Battery life (# of measurements)	5,000
Low battery indicator	Yes
Tripod mountable	Yes
3-axis digital compass	Yes
Compass calibration & validation	Yes
Operating temperature range (°C)	-35 to +65
Storage temperature range (°C)	-40 to +85
Waterproofing	MIL-STD-810G (1m / 30 min)
Mechanical & optical compatibility with NVS14 & PVS14 night vision devices	Yes

DELIVERY SET

Supplied with the following standard accessories:

- Carrying Case
- Wrist Strap
- User Manual
- Cleaning Cloth
- Rubber Sleeve (Black)
- USB/PC Cable
- 3V CR123 Battery



Shown in night vision configuration



Shown in active bluetooth mode