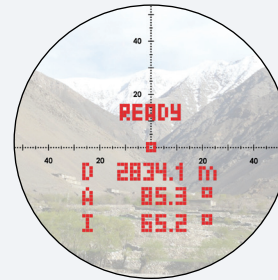


# LRM 3500M


LASER RANGEFINDER MONOCULAR

NSN #: 1240-20-011-5198



Display

The LRM 3500M is the world's most advanced miniaturized laser rangefinder monocular. Weighing just 460 grams, the LRM 3500M is capable of measuring distance to NATO-standard targets out to 4 kilometers, but what truly sets this device apart from the rest is its in-built GPS receiver allowing for user and target coordinate measurement, digital compass, inclinometer, OLED display and fully ruggedized design. The LRM 3500M is the ideal tool for professionals who depend on the accuracy and ruggedness of their equipment to get the job done.

 Android™ compatible

Part Number	NC-35M	NC-35C	NC-35BT
<b>Optics</b>			
Magnification (x)	6.5	6.5	6.5
Objective lens diameter (mm)	30	30	30
Field of view (°)	7/124	7/124	7/124
Eye relief (mm)	20	20	20
Diopter adjustment range	±5	±5	±5
<b>Rangefinder</b>			
Eye safety	Class 1, eye-safe	Class 1, eye-safe	Class 1, eye-safe
Wavelength (nm)	1550	1550	1550
Measuring distance range (m)	10 - 5,500	10 - 5,500	10 - 5,500
Specified measuring distance range (m)*	10 - 3,500	10 - 3,500	10 - 3,500
Inclinometer range (mils)	±1420	±1420	±1420
Distance measurement accuracy (m)	±1	±1	±1
Distance units	m/yds	m/yds	m/yds
Azimuth measurement accuracy (mils)	17.5	±10	17.5
Inclination measurement accuracy (mils)	8.8	±5	8.8
Magnetic declination correction (mils)	1	1	--
Compass & inclinometer units	°/mils	°/mils	°/mils
Power-on time (sec)	< 1	< 1	< 1
FOS (Fall of shot)	--	Yes	--
First/last target logic	Yes	Yes	Yes
Target discrimination (m)	50	50	50
Scan mode	Yes	Yes	Yes
Last 10 readings recall	Yes	Yes	Yes
Distance between objects	Yes	Yes	Yes
Horizontal distance between objects	Yes	Yes	Yes
Azimuth difference between objects	Yes	Yes	Yes
Inclination difference between two objects	Yes	Yes	Yes
Height difference between objects	Yes	Yes	Yes
Etched reticle step (mils)	1	1	1
Etched reticle range horizontal/vertical (mils)	120/60	120/60	120/60
User GPS coordinates	Yes	--	Yes
Target GPS coordinates	Yes	--	Yes
GPS coordinates format	Dec Degs Micro	--	Dec Degs Micro

\*2.3m x 2.3m NATO standard target

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NSN #: 1240-20-011-5198



Part Number	NC-35M	NC-35C	NC-35BT
<b>Mechanics, Electronics &amp; Environmental</b>			
Display type	Customized Matrix Red OLED	Customized Matrix Red OLED	Customized Matrix Red OLED
Data output ports	USB, RS232	USB, RS232, Bluetooth	USB, Bluetooth
DAGR communication	Yes	Yes	–
Dimensions with no sleeve (mm)	118x107x54	118x107x54	118x107x54
Weight without batteries (g)	460	460	460
Power supply	Non-magnetic 2x CR123 lithium batteries	Non-magnetic 2x CR123 lithium batteries	Non-magnetic 2x CR123 lithium batteries
Battery life (# of measurements)	5,000	5,000	5,000
Low battery indicator	Yes	Yes	Yes
Tripod mountable	Yes	Yes	Yes
3-axis digital compass	Yes	Yes	Yes
Compass calibration & validation	Yes	Yes	Yes
Operating temperature range (°C)	-35 to +65	-35 to +65	-35 to +65
Storage temperature range (°C)	-40 to +85	-40 to +85	-40 to +85
Waterproofing	MIL-STD-810G (1m/30min)	MIL-STD-810G (1m/30min)	MIL-STD-810G (1m/30min)
Mechanical & optical compatibility with NVS14 & PVS14 night vision devices	Yes	Yes	Yes

## DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- USB Cable
- Communication software
- 2x CR123 battery
- Communication cable
- Neck strap
- Lens cleaning cloth
- Operation manual

## ACCESSORIES



LRF Car Adapter



LRF AC/DC Adapter



NVS U Coupler



LRM Hard Case



TACT 3-S Tripod



Shown in night vision configuration

LRM 3500M LASER RANGEFINDER MONOCULAR