

LRM 3500M

LASER RANGEFINDER MONOCULAR

Part Number: NC-35C NSN# 1240-20-011-6212



This device compatible with:



Android™



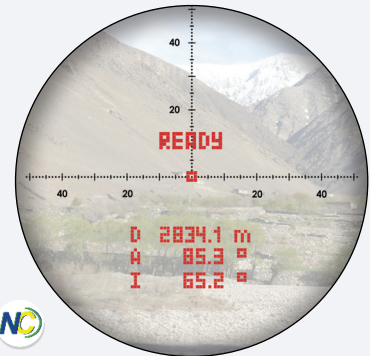
Bluetooth™



Ballistic apps



NC Cronus™



Display

The LRM 3500M-35C is the world's most advanced miniaturized laser rangefinder monocular. Weighing just 460 grams, the LRM 3500M-35C 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 Bluetooth capability, Kestrel ballistic calculator, digital magnetic compass, inclinometer, bright LED display, and fully ruggedized design. Users can now communicate with the LRM 3500M-35C using Newcon Optik's new NC Cronus app. The LRM 3500M-35C 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)	±10
Inclination measurement accuracy (mils)	±5
Speed detection	-
Magnetic declination correction (mils)	1
Compass & inclinometer units	°/mils
Time to Power (seconds)	<1
Fall of shot function	Yes
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

*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, RS232, Bluetooth
DAGR communication	Yes
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:

- Soft Carrying Case
- Wrist Strap
- Operation Manual (Eng)
- Cleaning Cloth
- Rubber Sleeve (Black)
- USB/PC Cable
- 3V CR123 Non-magnetic Battery



Shown in night vision configuration



Shown in active bluetooth mode

