

# Handheld Rangefinder(uncooled)

LMS-RF-NC-6025-NI-01

## Product Description:

This advanced rangefinder offers infrared recognition up to 2.5km for vehicles and 1.25km for humans. In visible light conditions, it can detect vehicles up to 6km and humans up to 3km. With a laser ranging accuracy of over 98% between 50m to 6km, it delivers unmatched precision in a compact form.



- Laser Ranging
- Targeting

## Technical Data

Mode	LMS-RF-NC-6025-NI-01
Observation type	Binocular
Cooling method	Uncooled
Laser Type	1535nm
Safety	Eye-safe
Range capacity	"Visible light (Visibility $\geq 12\text{km}$ ), Ranging $\geq 6\text{km}$ (Target 2.3*4.6m) Infrared (Visibility $\geq 10\text{km}$ , Humidity 60%, average temperature difference between target and background 3K), Ranging $\geq 2.5\text{km}$ (Target 2.3*4.6m)"
Accuracy	$\leq 2\text{m}$
Optics	
Magnification	"Visible light: 10X; Low-light: 5X; Infrared: 5X"
Field of view	"Visible light: 3.45° X 2.58°; Low-light: $\geq 6.96^\circ$ X 5.64°; Infrared: $\geq 6.96^\circ$ X 5.64°"
Azimuth accuracy	$\leq \pm 0.5^\circ$
Inclination accuracy	$\leq \pm 0.5^\circ$
Others	
Working temperature	-40°C ~ +55°C
Storage temperature	-55°C ~ +70°C
Waterproofing grade	IP67
GPS	Optional
Data Interface - Standard	RS232
Dimension	244mm * 238mm * 92mm
Weight (Battery included)	$\leq 2.48\text{kg}$