

# Military Functional Range Finder



Long distance range finder, with the function of azimuth pitching angle measurement, GPS and target location settlement, the ranging capability is up to 10km, is mainly used for the long-distance observation and ranging of road target and port.

## PRODUCT DESCRIPTION



- ✓ Eye safe laser
- ✓ Easy operation
- ✓ High accuracy range finding
- ✓ Long ranging capability
- ✓ Digital compass and GPS function is for optional



## PRODUCT ADVANTAGES

### Long ranging distance, high distance accuracy

Ranging capability : 10km  
Distance accuracy :  $\pm 5m$



### High optical amplification

Bring extremely clear visual experience to you



x6

### Digital compass and GPS can be customized (for extra price)



Digital compass



GPS



## ACCESSORIES



Control cable



Battery



Safety box

## APPLICATION



Patrol & reconnaissance



Engineering exploration



Surveying and mapping

## SPECIFICATION

Model	
wavelength	1.57 $\mu$ m (eye safe)
Peak power	$\geq$ 1MW
Receiving aperture (mm)	40
Optical amplification	$\times$ 6
Detector	APD
Ranging capability (km)	10
Distance accuracy	$\pm$ 5m
Repetition rate	20ppm
Digital compass accuracy	$\leq$ 1o
GPS accuracy	$\leq$ 10m
Operation temperature	-30 $^{\circ}$ C~60 $^{\circ}$ C
Power supply	4 pieces of 18650 lithium batteries
Interface	RS422
Size (mm)	$\leq$ 220 $\times$ 210 $\times$ 90
Weight	1.8Kg