Sytong

AM06-35 LRF

The new-generation AM series features upgraded core hardware—a self-developed 640x512 detector, a new 35mm lens, and a high-refresh laser rangefinder—all delivering outstanding performance.

8 Must-Buy Reasons

- Self-developed detector, 15mk high sensitivity
- New algorithm, better in severe weather
- Upgraded 1000m high-frame-rate rangefinding, 3 responses per second
- Smart Ballistics
- IP67 Dustproof & Waterproof, worry-free outdoor performance
- New 35mm Lens
- Unbeatable value: superior quality, unmatched affordability
- Worry-free warranty, quick after-sales response within 24 hours

640 Detector

Self-developed High-Performance Sensor

Our new-generation 640x512 high-sensitivity sensor and optimized electronics power groundbreaking thermal processing. With an exceptional NETD of < 15mK, it delivers clear thermal images even in harsh, rainy, or foggy conditions.

35mm

New 35mm Lens

The premium-upgraded 35mm lens offers superior light transmission and durability, delivering exceptionally clear images.

High-Frequency Laser Rangefinding Module

Lock onto targets accurately and instantly with the upgraded 1000m rangefinder, featuring 3 responses per second and automatic distance detection.

1000 M | 3 UPDATES

5H

3500mAh Battery, Up to 5 Hours of Runtime

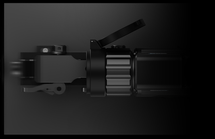
Enjoy worry-free outdoor use without running out of power.

One-Click Recording

Short- press to capture photos, long- press to record video

10,000 Joules Impact Resistance

Withstands up to 10,000 Joules of impact, ensuring stable performance even during high-intensity use.



Technical Specifications

Sensor	Type	Uncooled Vanadium Oxide(VOX)
	Resolution	640x512
	Frame Rate	50 Hz
	Pixel Size	12μm
	NETD	≤18mk
Optics	Objective Lens	35mm/ F1.0
	Base Magnification	2.0X
	Digital Zoom	1x/2 x/ 4 x/ 8x
	Eye Relief	50 mm
	Diopter Adjustment	+5/-5 D
	Focus Range	5m~∞
	FOV	12.5°X10°
	Detection Range	2500m (Target Size: 1.7m x0.5m)
Display	Color Modes	White Hot, High Light, Black Hot, Low Light, Pseudo Color
	Type/Resolution	0.39 inch/OLED/1024X768
Power	3D Gyroscope	Yes
	Power Input	3-4.2 V
	Battery	18650 Li-ion, 3500mAh
	External Power	5V(USB)
	Runtime	5 hours
	Shock Resistance	10000J
	Waterproof Rating	IP67
	Operating Temp	-20°C~+50°C
	Dimensions	220.2x65.8x86.2mm
	Weight	610g±5
Recorder	Video/Photo Res	1024x768
	Formats	.mp4/.jPg
	Storage Card	Built-in 32GB Memory Card
Wireless	Frequency	2.4GHz
	Standard	802.11 b/g
	WiFi Range	15m
Rangefinder	Wavelength	905nm
	Maximum Range	1000m
	Accuracy	+/ -1m