

MS-7105ZIR

Multi-functional Thermal Imaging Telescope



3-in-1 Precision Target
Reconnaissance & Positioning



Multi-munition
Ballistic Calculation



Easy to Operate



Lightweight



Fast & Stable



Application

Battlefield reconnaissance, ballistic calculation, surrounding mapping, alert and deterrence, etc.



3-in-1 Precision Target Reconnaissance & Positioning

Self-positioning horizontal accuracy $\leq \pm 5m$

Target positioning accuracy $\leq \pm 20m$

Multi-munition Ballistic Calculation

Measure meteorological parameters such as temperature, humidity, and atmospheric pressure.

Including 267 types of ballistic parameters (Customizable)

Adjustable for wind deflection

Easy to Operate

Interface functionality operation guide

Human-machine ergonomic design

Lightweight

Compact size: 185mm*165mm*75mm

Lightweight: 1.4kg (with battery)

Fast & Stable

Non-cooled, rapid startup $\leq 30s$

Working Temperature: $-40^{\circ}C \sim +60^{\circ}C$

IP67 protection level

Main interface: Infrared white hot mode



Range measurement interface: Infrared white hot mode



Thermal Image

Resolution 640*512

Pixel Pitch 12 μ m

FOV 8.8*7.0°

Laser Rangefinding

Laser wavelength 905nm

Measurement range 10m-1.5Km

Positioning Component

Positioning mode BeiDou/ GPS/ GLONASS multi-mode

Electronic Compass

Azimuth accuracy 1° (RMS)

Pitch/Roll angle accuracy 0.5° (RMS)

Laser Indication

Visible laser 520nm 30mw

Display

1080p FHP OLED

Storage

Storage capacity 10,000 images or 4 hours of video

Working Time

Continuous working time ≥ 8 hours, @25°C

External Interfaces

DC/USB/PAL/RS232

Wi-Fi image transmission and control

Special Features

Target positioning

Target guidance

Multi-target relative ranging

Able to record audio/video

Unit conversion

Unit conversion

Expandable Picatinny rail

☆Ballistic Calculation (Including wind deflection calculation)

☆360° Target Locking

☆Embedded Satellite Map

☆4G Transmission

☆: Value-added Services