

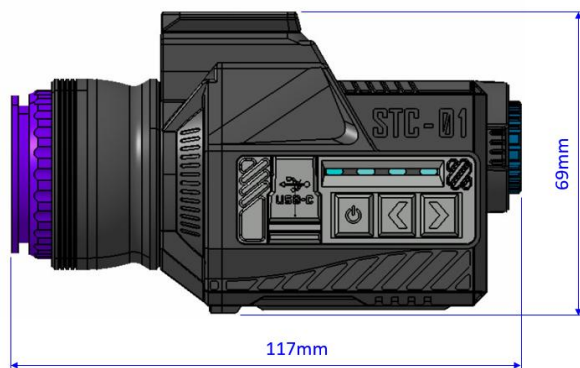
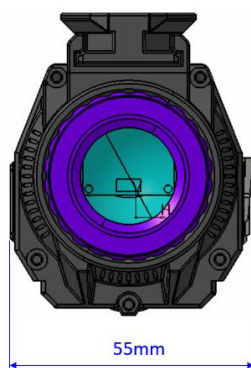
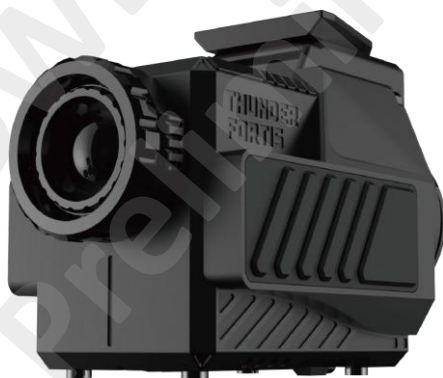
# MIC-OTH04

Thermal Monocular

## Features

- A Camera Combines High Magnification (1x – 8x) and Video Recording
- No Jello Effect
- Support Wireless Transmission
- Can Operate in Total Darkness
- Passive Device, Detecting without Harming
- 18350 Li-Ion Battery Inside
- MIL-STD-810G

## Appearance





# MIC-OTH04

Thermal Monocular

## Revision Table

Date	Revision	Content	By
2025/8/7	0.1	First Draft	Zoe You

ACT POWER TAIWAN  
Preliminary

# MIC-OTH04

Thermal Monocular

## Specification

Sensor	Thermal Sensor
Lens	25mm Lens
Resolution	640×480
Spectral Range	8 to 14μm
NETD	≤ 40mK
Frame rate	60 fps
Signal-to-Noise Ratio	56dB
Shutter Design	Software-Controlled, Near Shutterless
Digital Zoom	1x / 2x / 4x / 8x
Video Recording	Support
Noise Reduction	Support
Color Palettes	White Hot, Black Hot, Red Hot, etc.
Network Interface	Wireless Transmission
Battery	Built-In 18350 Li-Ion
Power Input	Type-C, 5V / 3A
Power Consumption	3.5 W
Ingress Protection	IP54
Dimension	117 x 55 x 69 mm
Weight	300g

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## Environment Compliance

Operating Temp.	-10°C to +60°C
Storage Temp.	-20°C to +80°C
Humidity	5% - 95% RH ( Non-Condensing )
Shock	MIL-STD-810G Compliant
Vibration	MIL-STD-810G Compliant
EMI/EMC	MIL-STD461E/F Compliant

Environmental performance may vary according to the integration method or final integration scenario.

## Deliverables

1	Thermal Monocular
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## Ordering Information

Model Name	Description	Unit
MIC-OTH04	Thermal Monocular	1

### Disclaimer

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