

## OWL OH35 Handheld Thermal Monocular Camera



HIKMICRO OWL OH35 handheld thermal monocular camera is equipped with a  $384 \times 288$  infrared detector and a  $1024 \times 768$  OLED display. It supports functions of observation, highest temperature target tracking, distance measurement, Wi-Fi hot spot, and so on. The high-sensitivity built-in thermal detector provides you with clear view even in total darkness. The monocular is mainly applied to scenarios such as patrolling, searching and rescuing, hiking, travel, and hunting, etc.

### Key Features

- High sensitivity thermal module with  $384 \times 288$  resolution
- NETD  $<35$  mK (@25 °C, F#=1.0)
- Leading thermal image processing technology: Adaptive AGC, DDE, 3D DNR
- $1024 \times 768$  resolution 0.39-inch OLED display
- Built-in rechargeable Li-ion battery
- Up to 7 hours continuous operation

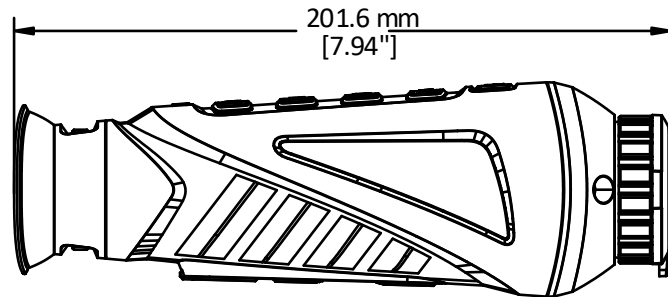
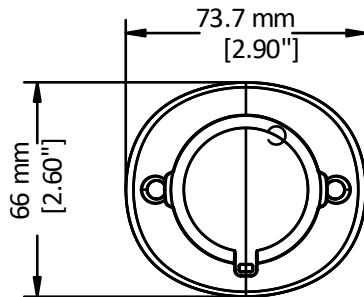
## ▪ Specification

<b>Thermal Module</b>	
Image Sensor	VOx Uncooled Focal Plane Arrays
Resolution	384 × 288
Frame Frequency	50 Hz
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD	≤ 35 mK (@25°C), F# = 1.0
Focal Length	35 mm
Field of View	10.66° × 8° (H × V)
Aperture	F1.0
Magnification	2.3 to 18.4
<b>Image Display</b>	
Monitor	0.39 inch, OLED, 1024 × 768
Palettes	Black Hot, White Hot, Red Hot, Fusion
FFC (Flat Field Correction) Mode	Auto, Manual, External Correction
Digital Zoom	1x, 2x, 4x, 8x
<b>Smart Function</b>	
Hot Track	Yes
Detection Range	1235 m
<b>System</b>	
Storage	Built-in memory module (16 GB)
Record Video	Yes
Capture Snapshot	Yes
Wi-Fi	Yes
Standby Mode	Yes
<b>Power Supply</b>	
Battery Type	Rechargeable Lithium Battery
Battery Operating Time	7 hours continuous running with Wi-Fi hot spot function off (@25 °C) 5.5 hours continuous running with Wi-Fi hot spot function on (@25 °C)
Battery Capacity Display	Yes
<b>General</b>	
Mounting	UNC 1/4' - 20
Hardware Interface	Type-C USB
Power	5 VDC/2 A
Power Consumption	1.5 W
Work Temperature/Humidity	From -30°C to 55°C (-22°F to 131°F); Humidity: 90% or Less
Protection Level	IP67
Drop Test Height	2 m (6.56 feet)
Dimension	201.6 mm × 73.7 mm × 66 mm (7.94" × 2.90" × 2.60")
Weight	500 g (1.10 lb)

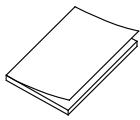
## Available Model

HM-TS03-35XF/W-OH35

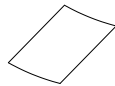
## Dimension



## Accessory



Quick Start Guide  
(x1)



Non-dust Cloth (x1)



USB Cable (x1)



Protective Bag (x1)



Wrist Strap (x1)

**COMPLIANCE NOTICE:** The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.