

## 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

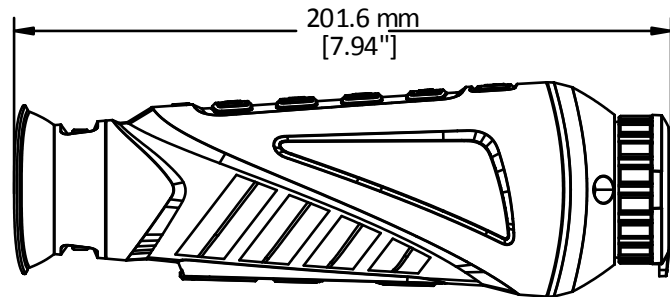
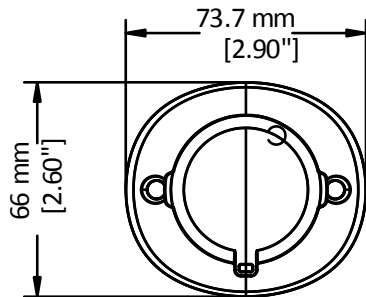
## ▪ Specification

<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	Less than 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

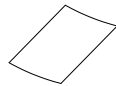
## Dimension



## Accessory



Quick Start Guide  
(x1)



Non-dust Cloth (x1)



USB Cable (x1)



Protective Bag (x1)



Wrist Strap (x1)