

OWL OQ35 Handheld Thermal Monocular Camera



HIKMICRO OQ35 handheld thermal monocular camera is equipped with a 640 × 512 infrared detector and a 1024 × 768 OLED display. It supports functions of observation, 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 hiking, travel, hunting, searching and rescuing, etc.

Key Features

- High sensitivity thermal module with 640 x 512 resolution
- NETD < 35 mK (@25 °C,, F#=1.0)
- Leading thermal image processing technology: Adaptive AGC, DDE, 3D DNR
- 1024 x 768 resolution 0.39-inch OLED display
- Built-in rechargeable Li-ion battery
- Up to 5.5 hours continuous operation

Specification

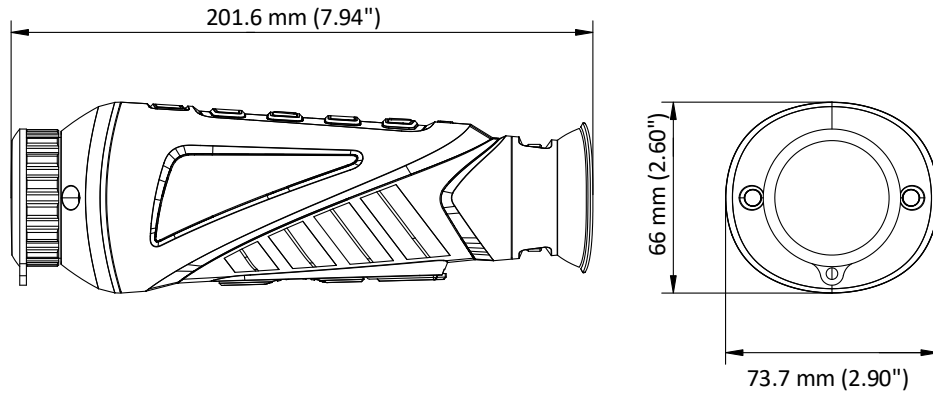
▪ Specification

Thermal Module	
Image Sensor	VOx Uncooled Focal Plane Arrays
Resolution	640 × 512
Frame Frequency	50 Hz
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD	Less than 35 mK (@25°C),F#=1.1
Focal Length	35 mm
IFOV	0.49 mrad
Field of View	17.7° × 14.2° (H × V)
Aperture	F1.0
Magnification	1.4 - 11.2
Image Display	
Monitor	0.39 inch, OLED, 1024 × 768
Palettes	Black Hot, White Hot, Red Hot, Fusion
Uniformity Correction	Auto, Manual, External Correction
Digital Zoom	1×, 2×, 4×, 8×
Smart Function	
Hot Track	Yes
Detection Range	1235 m
System	
Storage	Built-in memory module (16 GB)
Record Video	Yes
Capture Snapshot	Yes
Wi-Fi	Yes
Standby Mode	Yes
Power Supply	
Battery Type	Rechargeable Lithium Battery
Battery Operating Time	5.5 hours continuous running with CVBS and Wi-Fi hot spot function off (@25 °C) 4.5 hours continuous running with CVBS and Wi-Fi hot spot function on (@25 °C)
Battery Capacity Display	Yes
General	
Power	5 VDC/2 A, 2 W, Type-C Interface
Work Temperature/Humidity	From -30°C to 55°C (-22°F to 131°F); Humidity: 90% or Less
Protection Level	IP67
Dimension	201.6 mm × 73.7 mm × 66 mm (7.94" × 2.90" × 2.60")
Weight	500 g (0.55 lb)

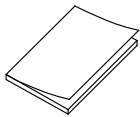
Available Model

HM-TS06-35XF/W-OQ35

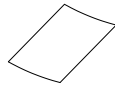
Dimension



Accessory



Quick Start Guide
(x1)



Non-dust Cloth (x1)



USB Cable (x1)



Protective Bag (x1)



Wrist Strap (x1)