

## DS-2TS06-35XF/W Handheld Thermal Monocular Camera



Hikvision DS-2TS06-35XF/W handheld thermal monocular camera is equipped with a 640 × 512 infrared detector and a 1024 × 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, law enforcement, searching and rescuing, drug enforcement, anti-smuggling, criminal seizing, hiking, travel, and hunting, etc.

### Key Features

- 640 × 512 resolution, high sensitivity detector
- Adaptive AGC, DDE, 3D DNR, NETD less than 35 mk (@25°C), F#=1.0
- 1024 × 768 resolution 0.39-inch OLED display
- Built-in rechargeable lithium battery
- Up to 5.5 hours continuous running
- Wi-Fi hot spot
- Type-C Interface



## Specification

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max. Resolution	640 × 512
Pixel Interval	17 μm
Response Waveband	8μm to 14μm
NETD	less than 35 mk (@25°C), F#=1.0
Lens (Focal Length)	35 mm
Field of View	17.7° × 14.2° (H × V)
Digital Zoom	1 ×, 2 ×, 4 ×
Aperture	F1.0
Magnification	1.4 to 5.6
Image Display	
Monitor	0.39 inch, OLED, 1024 × 768
FFC (Flat Field Correction)	Auto, Manual, External Correction
Palettes	Black Hot, White Hot, Red Hot, Fusion
Frame Frequency	50 Hz
Smart Function	
Highest Temperature Spot Tracking	Yes
Wi-Fi Hot Spot	Yes
Standby Mode	Yes
System	
Storage	Built-in memory module (16 GB)
Record Video	Yes
Capture Snapshot	Yes
Power Supply	
Battery Type	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
Working Temperature	-30 °C to 55 °C (-22 °F to 131 °F)
Protection Level	IP67
Dimension	201.6 mm × 73.7 mm × 66 mm (7.94" × 2.90" × 2.60")
Weight	480 g (1.06 lb)

## Detection Range Table

\* The table is only for reference, the performance may vary from camera to camera.

### Wide Range Coverage

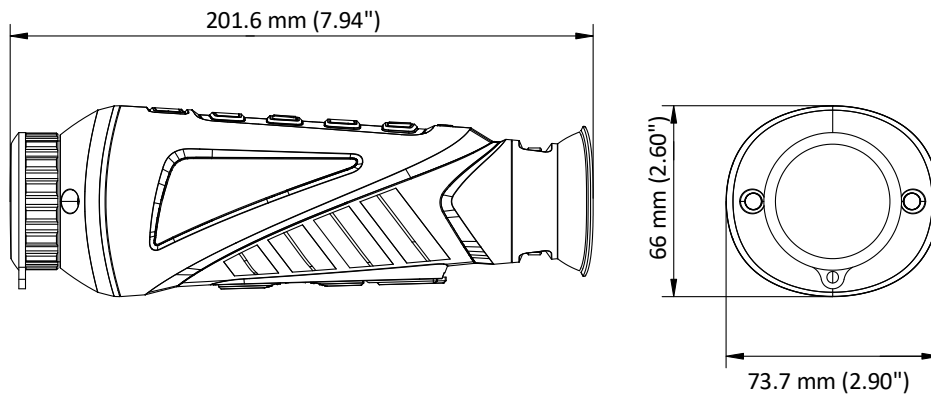
There is range limit for detecting, recognizing, and identifying human/vehicle targets.

Detection Range (Vehicles: 1.4×4.0m)	Detection Range (Humans: 1.8×0.5m)	Recognition Range (Vehicles: 1.4×4.0m)	Recognition Range (Humans: 1.8×0.5m)	Identification Range (Vehicles: 1.4×4.0m)	Identification Range (Humans: 1.8×0.5m)
3157 m	1029 m	789 m	257 m	395 m	129 m

### Available Model

DS-2TS06-35XF/W

### Dimension



Distributed by

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