



WELCOME TO THE OUTDOOR WORLD

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THE OUTDOOR WORLD

MICRO OUTDOOR PRODUCTS



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Monocular **OWL**

All the thermal handheld monoculars offer a variety of great features:

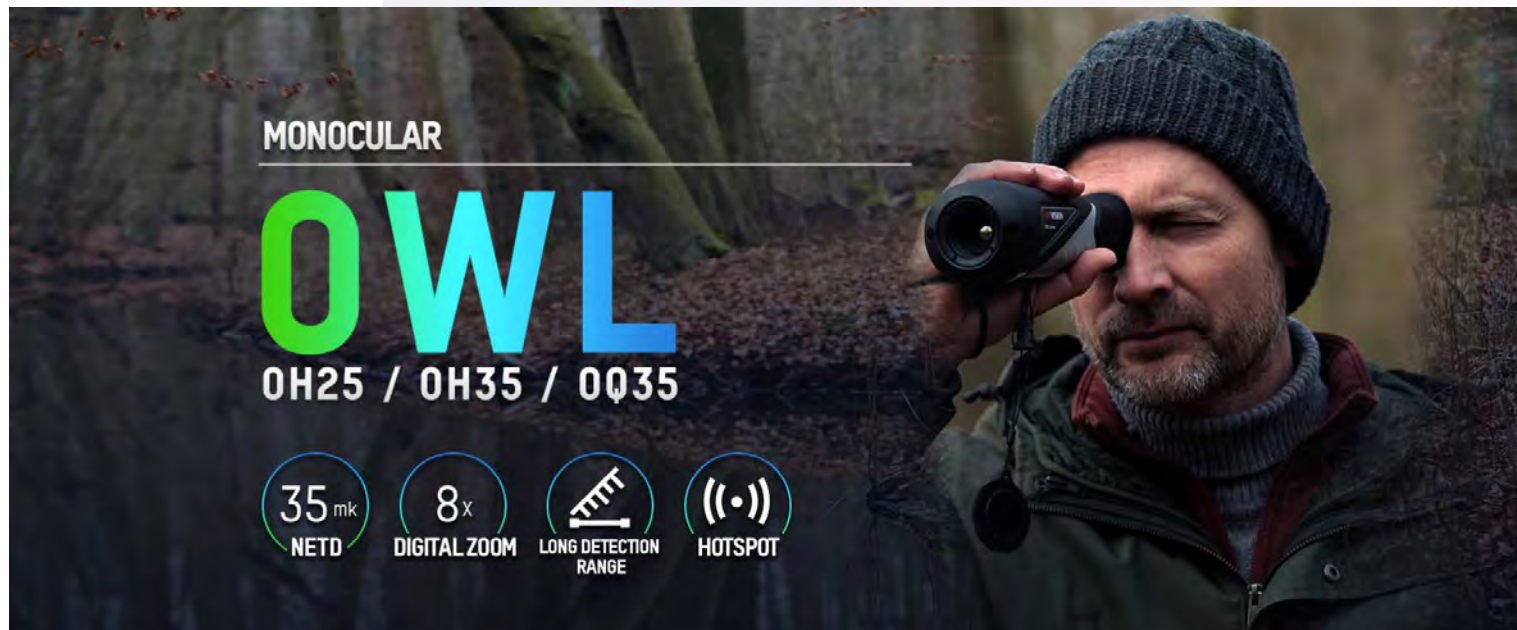
- Pixel interval: 17 μm
- Detector sensitivity: 35 mK
- Digital zoom: 1x, 2x, 4x, 8x
- Snapshots, video, Wi-Fi, IP67 protection, and target ranging
- Built-in memory: 16 GB

For more details, see specifications in the table below.



Large OLED display

High resolution [1024x768] 0.39" OLED is capable of lower power consumption, wider viewing angle, and richer color. All of this serves to massively enhance user experience.



Est. 2007



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Sleep mode

Monocular supports sleep mode to satisfy the requirement of avoiding light leakage in darkness and saving battery life.



Sharp image

A NETD 35 mk sensor gives a great image that's clear to see.



Wi-Fi enabled

Supports wi-fi hotspots through the mobile app to have the same view with camera itself. Users can also use digital zoom, or video recording on their mobile.



Adjustable Flat Field

calibration mode

Auto Mode: The device performs FFC automatically during running time.

Manual Mode: Only hold the mode button in live view to manually perform FFC.

Background Calibration: Cover the lens cap, then hold the mode button in live view to perform FFC by background calibration.



4 Color Palettes

It can show the image with different color palettes, with varying image treatments for different scenarios. This makes it easy to distinguish like in city, jungle, sea etc.

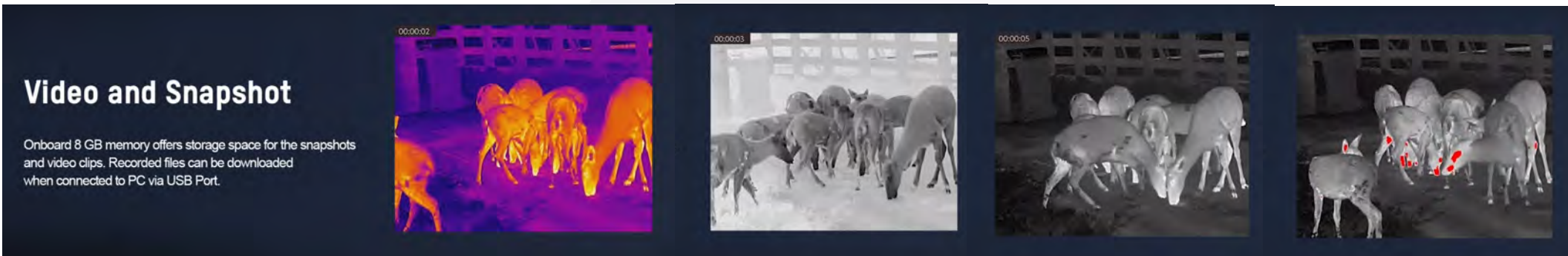
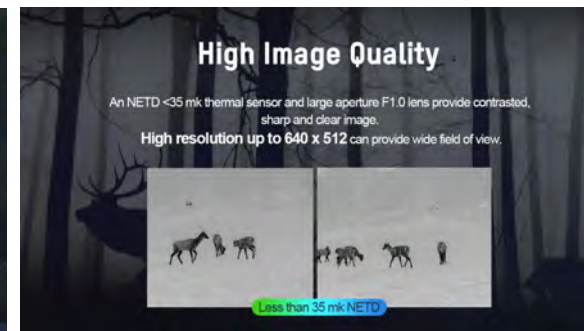
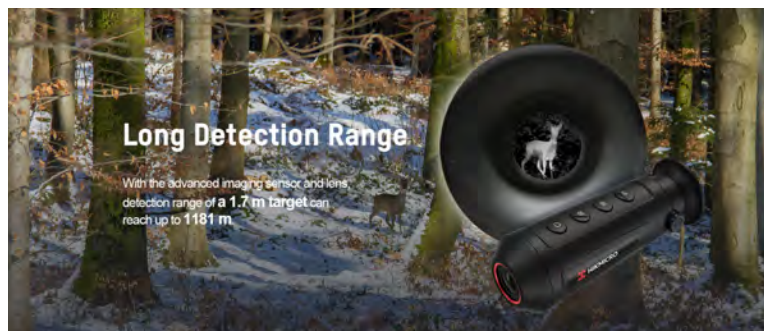


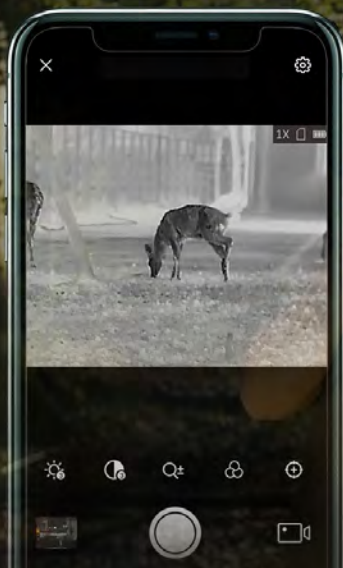
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Specifications

	0H25	0H35	0Q35
Image			
Thermal Resolution	384 × 288	384 × 288	640×512
Focal Length	25 mm	35 mm	35 mm
Magnification	1.7 – 13.6, ×8	2.3 – 18.4, ×8	1.4 – 11.2, ×8
Field of Field	14.88°×11.19°	10.66°×8.0°	17.7°×14.2°
Display Resolution	0.39-inch, 1024 × 768 OLED Display	0.39-inch, 1024 × 768 OLED Display	0.39-inch, 1024 × 768 OLED Display
Detection Range (1.7×0.5 m)	882 m	1235 m	1235 m
Battery Life	7 hours	7 hours	5.5 hours
Operating Temperature	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)
Weight	460 g (1.01 lb)	500 g (1.10 lb)	500 g (1.10 lb)





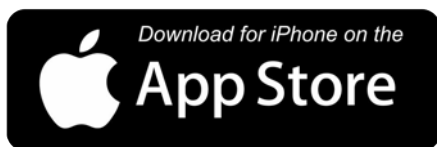
Wi-Fi Hotspot for Mobile App

Integrated Wi-Fi module makes T-Vision app as a second display.

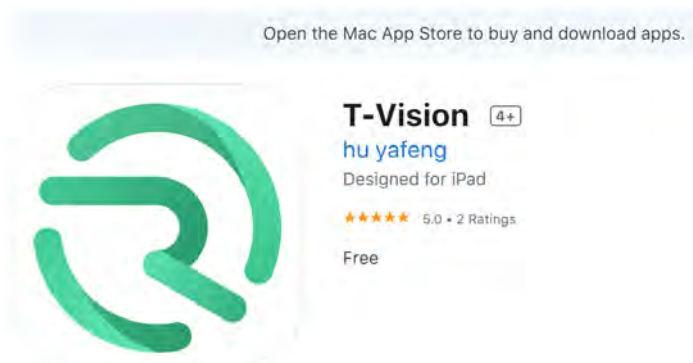
Users can use digital zoom, video recording and other features on their phones.



QR Code (Android)



For iPhone, you can download T-VISION in app store directly.



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