



HEIMDAL H4D

Digital Night Vision Monocular

HIKMICRO HEIMDAL H4D Digital Night Vision Monocular has a 1.39 inch AMOLED screen, which offers clear, smooth and vivid images and videos even on the move. Its built-in 850nm infrared illuminator enables clear viewing with up to 200 m detection range from dawn to complete darkness for 24/7 use. The monocular is perfect for various outdoor activities, including hiking, camping, birdwatching, watching wildlife and scenery, sports, concerts, etc.

Key Features

- 2560 × 1440 high-definition sensor
- 454 × 454 resolution 1.39-inch AMOLED display
- Supports Day/Night /Auto/ Defog mode
- Built-in 850nm IR emitter
- Support Smart IR, EIS, Local album etc
- Support video recording and snapshot, built-in EMMC (32 GB)
- Detection range up to 200 m
- Replaceable and rechargeable battery

Specification

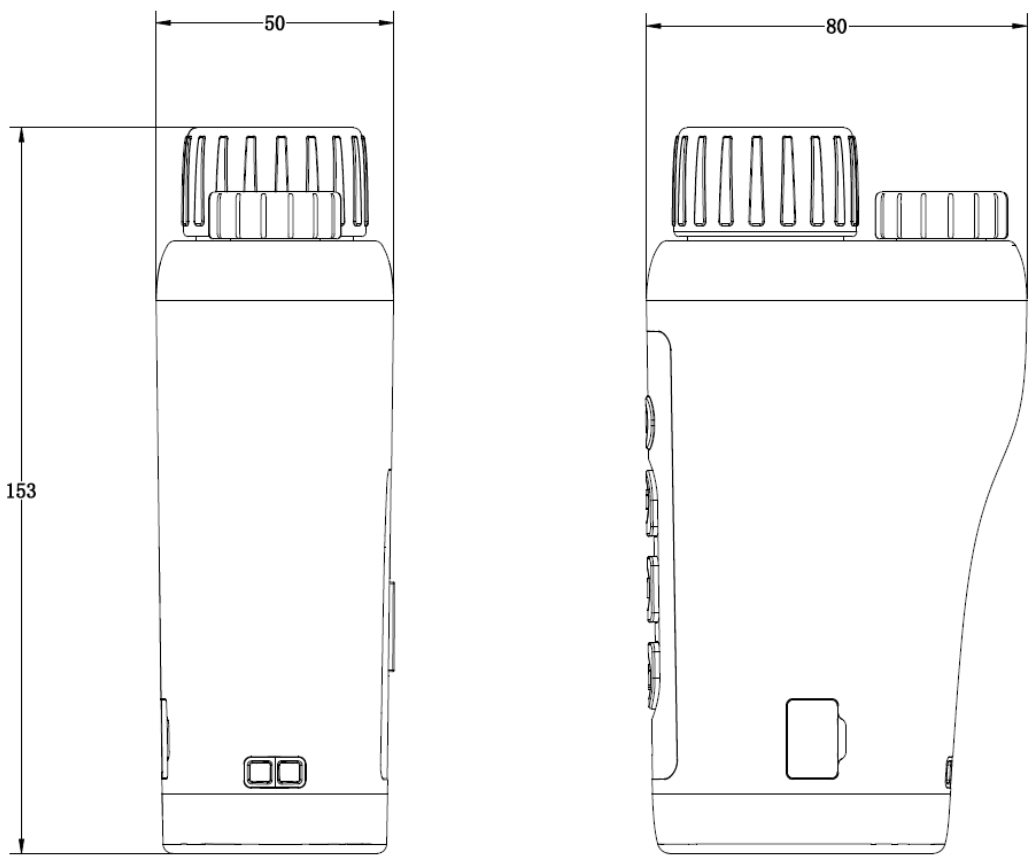
OPTICAL MODULE	
MAX. RESOLUTION	2560 × 1440
FRAME FREQUENCY	25 fps
APERTURE	F1.2
FOCAL LENGTH	31 mm
FOCUS MODE	Manual focus
DETECTION RANGE	200 m (with IR 850 nm ON)
FIELD OF VIEW (H × V, DEGREES/M @100 M	13.66° × 7.71°/23.95 m × 13.48 m
DIGITAL ZOOM	1×, 2×, 4×, 8×
IR SUPPLEMENT LIGHT	Adjustable beam angle; Smart IR
IMAGE DISPLAY	
DISPLAY	1.39 inch, AMOLED display, 454 × 454
FRAME FREQUENCY	50 fps
IMAGE MODE	Day/Night/Auto/Defog mode
BRIGHTNESS ADJUSTMENT	YES
CONTRAST ADJUSTMENT	YES
WHITE BALANCE ADJUSTMENT	YES. Auto white balance adjustment
ELECTRIC IMAGE STABILIZATION	YES
SYSTEM	
CAPTURE SNAPSHOT	YES (2560 × 1440, JPEG)
RECORD VIDEO	YES (2560 × 1440, MP4)
AUDIO RECORDING	YES
STANDBY MODE	YES
STORAGE	Built-in EMMC (32 GB)
MULTIPLE LANGUAGE	YES
START UP TIME	Standby mode: < 1 s Non standby mode: < 7 s
HOTSPOT	YES
LOCAL ALBUM	YES
POWER SUPPLY	
BATTERY TYPE	Replaceable and Rechargeable Li-ion Battery

BATTERY OPERATING TIME	> 4 h (under default working conditions)
TYPE-C POWER SUPPLY	5 VDC, Type-C interface
GENERAL	
WORKING TEMPERATURE	-20°C to 50°C (-4°F to 122°F)
WORKING HUMIDITY	≤ 95%
STORAGE TEMPERATURE	-40°C to 70°C (-40°F to 158°F)
PROTECTION LEVEL	IP67
DIMENSION	153 mm × 50 mm × 80 mm
WEIGHT	375 g

Available Model

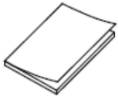
HM-TS1C-31Q/WV-H4D

Dimension



Unit: mm [Inch]

Accessories



Quick Start Guide
(x1)



Non-dust Cloth (x1)



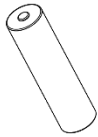
USB Cable (x1)



Protective Bag (x1)



Wrist Strap (x1)



Battery (x1)



This section promotes the HIKMICRO SIGHT mobile application. On the left is the app's icon, which consists of a black square with a white stylized 'H' and a green square. Next to it is a smartphone displaying the app's interface. To the right are two QR codes: the first is for the App Store, with the text "Download on the App Store" above it, and the second is for Google Play, with the text "GET IT ON Google Play" above it. Below the app icon and smartphone is the text "HIKMICRO SIGHT".

Three green shield-shaped icons representing product specifications. The first shield contains the text "BATTERY 1 YEAR" with a star below the number. The second shield contains "FULL PRODUCT 3 YEARS" with a star below the number. The third shield contains "DETECTOR 10 YEARS" with a star below the number.

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