



# 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

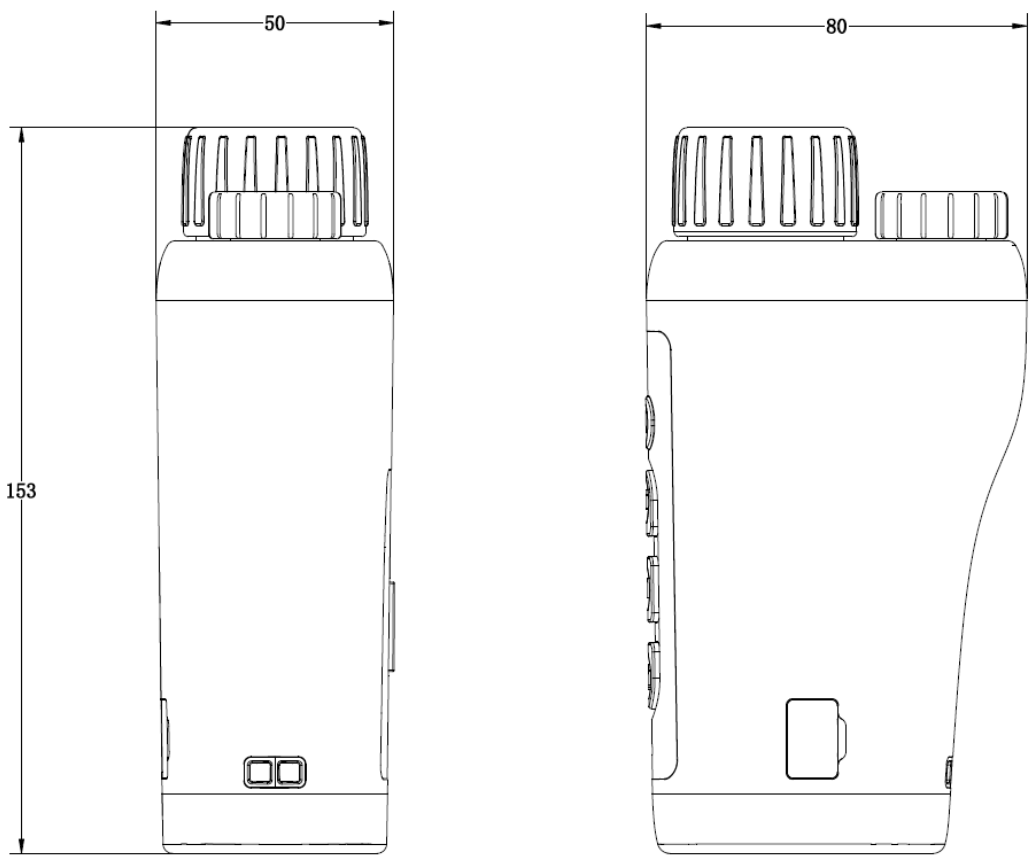
OPTICAL MODULE	
MAX. RESOLUTION	2560 × 1440
FRAME FREQUENCY	25 fps
APERTURE	F1.2
FOCAL LENGTH	31 mm
FOCUS MODE	Manual focus
DETECTION RANGE	200 m (with IR 850 nm ON)
FIELD OF VIEW (H × V, DEGREES/M @100 M)	13.66° × 7.71°/23.95 m × 13.48 m
DIGITAL ZOOM	1×, 2×, 4×, 8×
IR SUPPLEMENT LIGHT	Adjustable beam 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
<b>GENERAL</b>	
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

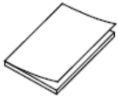
**HM-TS1C-31Q/WV-H4D**

## 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 for downloading the app. Above the left QR code is the "Download on the App Store" logo, and above the right QR code is the "GET IT ON Google Play" logo. 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" at the top, a large "1" in the center, and "YEAR" at the bottom. The second shield contains "FULL PRODUCT" at the top, a large "3" in the center, and "YEARS" at the bottom. The third shield contains "DETECTOR" at the top, a large "10" in the center, and "YEARS" at the bottom.

HIKMICRO Outdoor hikmicro\_outdoor HIKMICRO Outdoor HIKMICRO info@hikmicrotech.com <http://hikmicrotech.com/en>

room 313, unit B, building 2, 399 danfeng road, xixing subdistrict, binjiang district, hangzhou, zhejiang  
@hangzhou microimage software co., Ltd .2020 | data subject to change without notice!