

Product Datasheet - Technical Specifications



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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

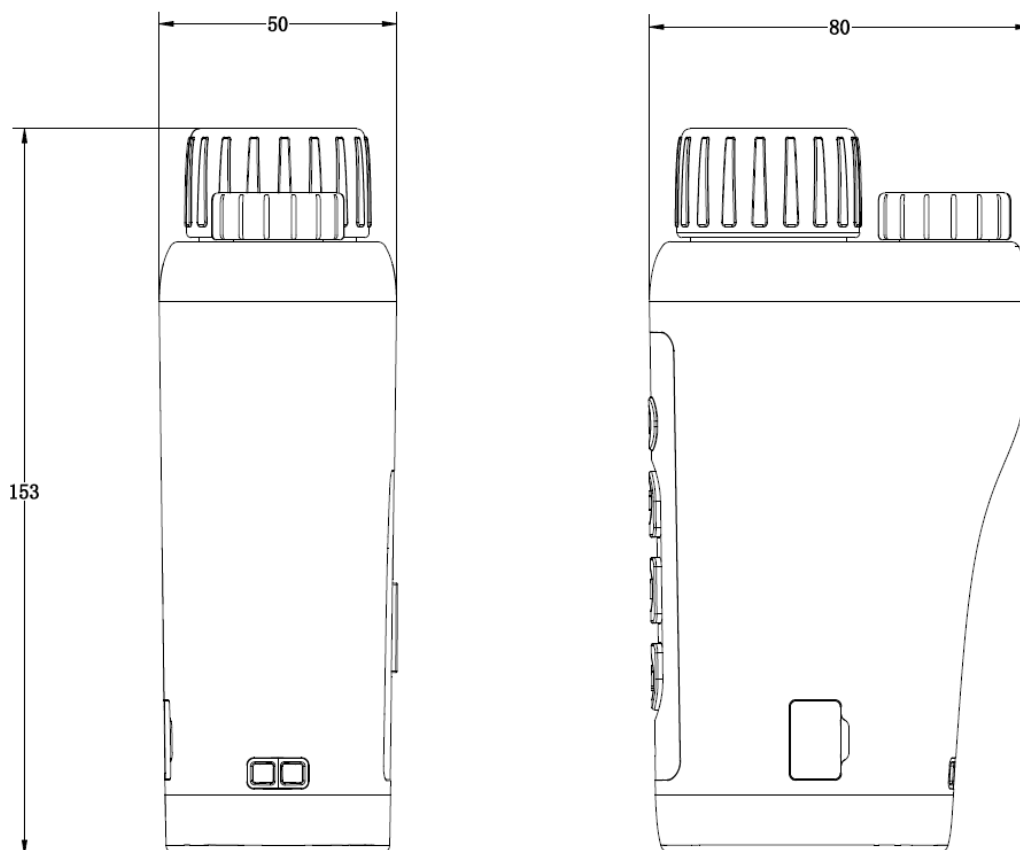
OPTICAL MODULE	
MAX. RESOLUTION	2560 × 1440
FRAME FREQUENCY	25 fps
APERTURE	F1.2
FOCAL LENGTH	31 mm
FOCUS MODE	Manual focus
DETECTION RANGE	200 m (with IR 850 nm ON)
FIELD OF VIEW (H × V), DEGREES/M @100 M	13.66° × 7.71°/23.95 m × 13.48 m
DIGITAL ZOOM	1×, 2×, 4×, 8×
IR SUPPLEMENT LIGHT	Adjustable beam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

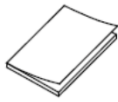
HM-TS1C-31Q/WV-H4D

Dimension



Unit: mm [Inch]

Accessories



Quick Start Guide
(×1)



Non-dust Cloth (×1)



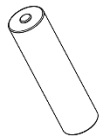
USB Cable (x1)



Protective Bag (×1)



Wrist Strap (x1)



Battery (×1)