

CHEETAH C32F-RL

Digital Night Vision Monocular



HIKMICRO Cheetah C32F-RL Digital Night Vision Monocular, which can be easily transformed into a scope, performs well under any lighting condition. Its advanced 2560 × 1440 HD sensor and 1920 × 1080 OLED display are capable of capturing every object in great detail and with rich clarity. Featuring a specific optical component, it can detect more IR information in fog.

Key Features

- 2560 × 1440 high-definition sensor
- 1920 × 1080 resolution 0.49" OLED display
- Supports Day/Night/Auto/Defog mode
- Built-in adjustable IR emitter
- Supports audio recording and recoil-activation recording
- Support video recording and snapshot, built-in eMMC (64 GB)
- Detection range up to 400 m
- Built-in laser rangefinder, accurate measurement of distance
- Replaceable and rechargeable battery

Specification

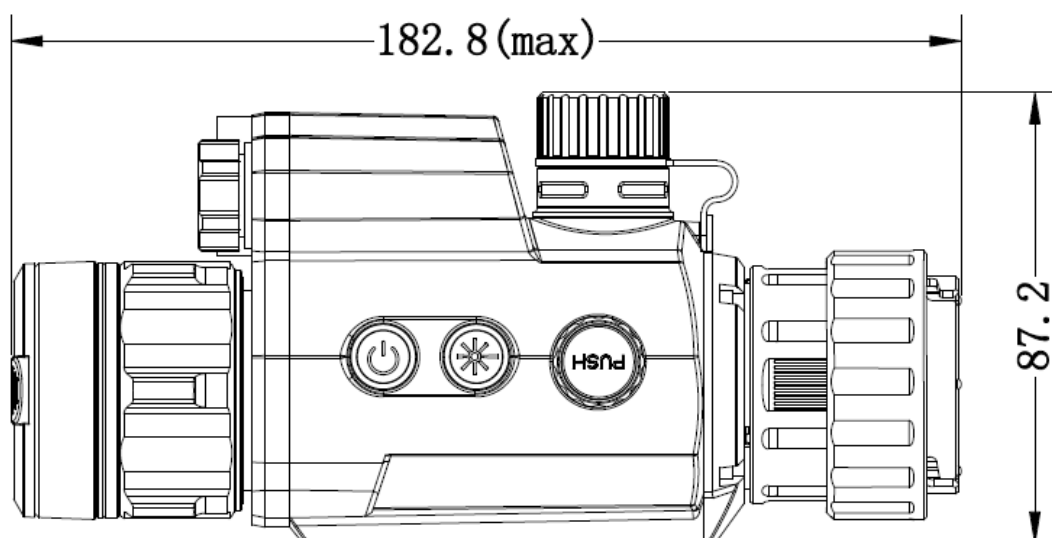
MAIN	
MAX. RESOLUTION	2560 × 1440
LENS (FOCAL LENGTH)	32 mm
FIELD OF VIEW	9.9° × 7.5°
MIN. FOCUSING DISTANCE	3 m
FRAME RATE	25 Hz
APERTURE	F1.2
MAGNIFICATION	1×
DETECTION RANGE	400 m (with IR 850 nm ON)
IMAGE DISPLAY	
DISPLAY	1920 × 1080 resolution 0.49" OLED
IMAGE MODE	Day, Night, Auto, Defog
EXIT PUPIL	22 mm
EYE RELIEF	10 mm
DIOPTER (RANGE)	N/A
SYSTEM	
DIGITAL ZOOM	1×
CAPTURE SNAPSHOT	Yes
STANDBY MODE	Yes
RECOIL-ACTIVATION RECORDING	Yes
RETICLE	Yes
RECORD VIDEO RESOLUTION	Yes
FREEZE ZEROING	Yes
STORAGE	Built-in eMMC (64 GB)
PIP	No
AUDIO RECORDING	Yes
MAX. RECOIL	750 g
HOTSPOT	Yes
POWER SUPPLY	
BATTERY TYPE	One Rechargeable Li-ion battery
BATTERY OPERATING TIME	5.5 hours continuous running (@ 25°C, Hotspot, IR Emitter, Laser Rangefinder OFF)
OVERVOLTAGE PROTECTION	Yes

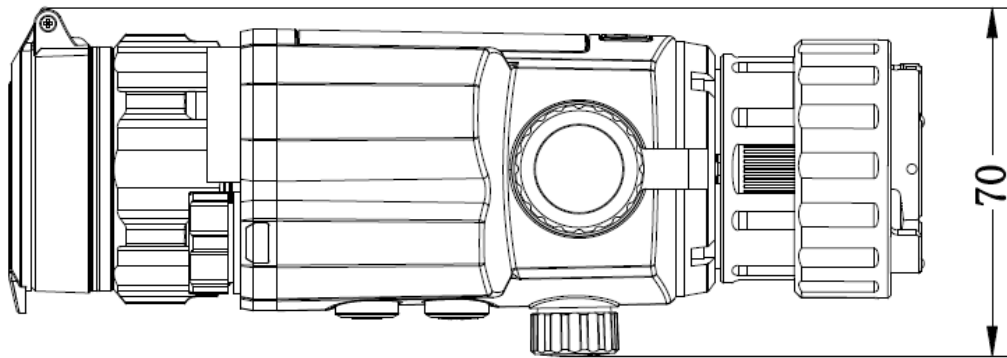
TYPE-C POWER SUPPLY	5 VDC/2 A, USB Type-C interface Supports external power supply
GENERAL	
WORKING TEMPERATURE	-30°C to 55°C (-22°F to 131°F)
DIMENSION	182.8 mm × 70 mm × 87.2 mm (7.2" × 2.76" × 3.43")
WEIGHT	≤ 477 g without eyepiece and batteries
PROTECTION LEVEL	IP67
LASER RANGEFINDER	
SAFETY CLASS FOR LASER	Class 1
WAVE LENGTH	905 nm
MAX. MEASURING RANGE	1000 m
MEASUREMENT ACCURACY	± 4‰
MIN. MEASURING RANGE	10 m

Available Model

HM-TR2E-32Q/W-C32F-RL

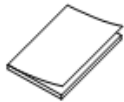
Dimension





Unit: mm [inch]

Accessories



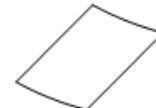
Quick Start Guide (x1)



Battery (x2)



Type-C Cable (x1)



Dust-free Cloth (x1)



Bag (x1)



Battery Charger

Optional Accessories



Adapter (x1)



Insert Ring (x5)



Eyepiece(x1)



This section displays the HIKMICRO SIGHT app. On the left is the app's icon, a black square with a white stylized 'H' and a green dot. Next to it is a smartphone showing the app's interface. To the right are two download buttons: "Download on the App Store" and "GET IT ON Google Play". Below each button is a QR code for scanning.

HIKMICRO SIGHT

Three green shield-shaped icons representing warranty periods. The first shield says "BATTERY 1 YEAR", the second says "FULL PRODUCT 3 YEARS", and the third says "DETECTOR 10 YEARS". Each shield has a small star at the bottom.

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