

HikMicro Falcon 25mm 640px Thermal Monocular Specification

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Specifications

THERMAL MODULE

IMAGE SENSOR:	VOx Uncooled Focal Plane Arrays
RESOLUTION:	640 * 512
FRAME RATE:	50 Hz
PIXEL INTERVAL:	12 μ m
RESPONSE WAVEBAND:	8 μ m to 14 μ m
NETO:	Less than 20 mK (@25°C), F \#=1.0
FOCAL LENGTH:	25 mm
FIELD OF VIEW IH*M_{e} DEGREES/M @100 M:	1m * 24.6m 17.5 deg * 14 deg / 3
APERTURE:	F1.0
MIN. FOCUSING DISTANCE:	2.5 m
DIGITAL ZOOM:	1x,2x, 4x, 8x
OPTICAL MAGNIFICATION:	1.42
DETECTION RANGE:	1200 m

IMAGE DISPLAY

MONITOR:	0.39 inch, OLED, 1024 * 768
PALETTES:	Black Hot, White Hot, Red Hot, Fusion
FFC (FLAT FIELD CORRECTION) MODE:	Auto, Manual, External Correction

SYSTEM

STORAGE:	Built-in memory module (64 68)
RECORD VIDEO:	Yes
CAPTURE SNAPSHOT:	Yes
STANDBY MODE:	Yes



HOTSPOT:	Yes
HOT TRACK:	Yes
POWER SUPPLY	
POWER:	5 V, 1.95 W
BATTERY TYPE:	Replaceable and Rechargeable Li-ion Battery
BATTERY OPERATING TIME:	5 hours continuous running with CVBS and hotspot function off (@25°C)
GENERAL	
WORK TEMPERATURE/HUMIDITY:	From-30°C to 55°C (-22°F to 131°F); Humidity: 90% or Less
PROTECTION LEVEL:	IP67
DIMENSION:	190.3 mm x 58.3 mm 66.9 mm (7.64"x2.29x2.99")
WEIGHT:	500 g (1.10 (b))