



E20Plus

Thermal Camera for Smartphones

Thermal Camera for Smartphones E20Plus is designed for consumer of applications of outdoor activities, like birdwatching, hiking, camping, sports and concerts. Equipped with functional HIKMICRO Sight App, E20Plus enables you to get the thermal imaging on your phone with USB type-C connector.

Key Features

- VOx uncooled focal plane arrays sensor with 256 × 192 resolution
- NETD: ≤ 50 mK (@ 25°C, F# = 1.0)
- Portable size: 26 g Weight
- USB Type-C Interface (Android)
- Support 3D DNR, image enhancement
- Support video recording and snapshot

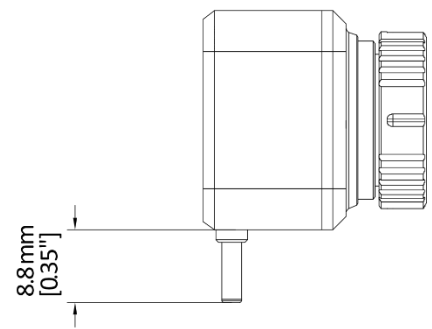
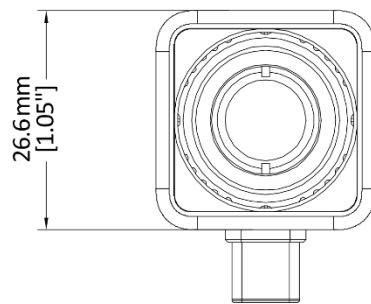
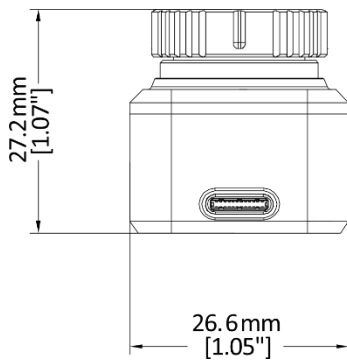
Specification

THERMAL MODULE	
IMAGE SENSOR	V0x Uncooled Focal Plane Arrays
MAX. RESOLUTION	256 × 192
FRAME RATE	50 Hz
PIXEL INTERVAL	12 μm
RESPONSE WAVEBAND	8 μm to 14 μm
NETD	≤ 50 mK (@ 25°C, F# = 1.0)
LENS (FOCAL LENGTH)	9.7 mm
DETECTION RANGE	970 m
APERTURE	F1.0
MAGNIFICATION	1× to 2x (Digital zoom 2x)
FIELD OF VIEW (H × V), DEGREES/M @ 100M	18.1° × 13.6° / 31.8 m × 23.8 m
IMAGE DISPLAY	
IMAGE MODE	Birdwatching/Red Hot/White Hot/Black Hot/Rainbow/Ironbow
CONTRAST ADJUSTMENT	Adjustable contrast from 0 to 100 by slider control
BRIGHTNESS ADJUSTMENT	Adjustable contrast from 0 to 100 by slider control
SYSTEM	
RECORD VIDEO	Yes
CAPTURE SNAPSHOT	Yes
PIP	Yes
DIGITAL MAGNETIC COMPASS	Yes
HOT TRACK	Yes
SYSTEM	
POWER SUPPLY	USB Type-C interface
POWER CONSUMPTION	360 mW
WORKING TEMPERATURE	-10°C to 50°C
DIMENSION	26.6 mm × 26.6 mm × 27.2 mm
WEIGHT	26 g
PROTECTION LEVEL	IP40

Available Model

HM-TM42-10RG/T-E20Plus

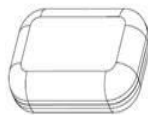
Dimension



Accessories



Type-C Cable (×1)



Bag (×1)



QSG (×1)

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HIKMICRO SIGHT



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