

# HikMicro E20 Explorer Specification

## HikMicro E20 Explorer

### Specifications

#### THERMAL MODULE

IMAGE SENSOR:	VOx Uncooled Focal Plane Arrays
MAX. RESOLUTION:	256 x 192
FRAME RATE:	50 Hz
PIXEL INTERVAL:	12 $\mu$ m
RESPONSE WAVEBAND:	8 $\mu$ m to 14 $\mu$ m
NETD:	$\leq$ 50 mK (@ 25°C, F# = 1.0)
LENS (FOCAL LENGTH):	9.7 mm
DETECTION RANGE:	970 m
APERTURE:	F1.0
MAGNIFICATION:	1x to 2x (Digital zoom 2x)
FIELD OF VIEW IH x VI, DEGREES/M @ 100M:	18.113.6/31.8 m x 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
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cliftoncameras

POWER CONSUMPTION:	360 mW
WORKING TEMPERATURE:	-10°C to 50°C
DIMENSION:	26.6 mm x 26.6 mm x 27.2 mm
WEIGHT:	26 g
PROTECTION LEVEL:	IP40