

Thermal & Optical Bi-spectrum Network Bullet Camera



High sensitivity thermal module with 256 x 192 resolution

NETD is less than 60 mk (@25° C, F#=1.0)

Supports contrast adjustment

Leading thermal image processing technology: Adaptive AGC, DDE, 3D DNR

Up to 15 palettes of adjustable color

Reliable temperature-anomaly alarm

Temperature Range From -15°C to +150°C

High quality optical module with 2 MP resolution

Bi-spectrum image fusion, picture-in-picture preview

Specification

Thermal	
Image Sensor	VOx Uncooled Focal Plane Arrays
Resolution	256x192
Pixel Interval	12μm
NETD	Less than 60 mK (@25°C,F#=1.1)
Aperture	F1.0
Field of View	35° × 27° (H × V)
Optical	
Image Sensor	1/2.8" 2.0M Pixel CMOS
Resolution	1920x1080P

Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON)
Field of View	84° × 45° (H × V)
Focal Length	4mm
Shutter Speed	1s to 1/100,000s
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Daylight Lamp/Sodium Lamp
Day & Night	ModelR cut filter with auto switch
WDR	80 dB
Feature	
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
Picture in Picture	Combines details of thermal and optical image PIP, overlay thermal image on optical image
Smart Function	
Face snapping	Built-in deep learning AI algorithm, Supports simultaneous detection of 20-30 faces
Temperature Measurement	Support global and local temperature
Temperature Range	From -15°C to +150°C
Temperature Accuracy	Target temperature 35°C ^ 38°C ±0.3 °C Target temperature 20°C ^ 33°C ±0.6 °C Target temperature 38°C ^ 50°C ±0.6 °C
Network	
Main Stream	Thermal: 25fps(1920 × 1080, 1280 × 720)
Sub Stream	Thermal: 25fps(704 × 576, 352 × 288)
Video Compression	H.264 (Baseline/Main/High Profile) /MJPEG/H.265
Audio Compression	G.711u/G.711a/G.722.1/MP2L2/G.726/PCM
Protocols	TCP/IP, ONVIF, GB/T 28181, DHCP, RTP, RTSP, PPPoE, UPnP, UDP
API	ONVIF (Profile S, Profile G, Profile T), SDK
General	
Web Client Language	languages English, Chinese
Power	DC 12V, 0.65A
Work Temperature/Humidity	From -20°C to 55°C; Humidity: 95% or Less
Protection Level	IP67
Dimension	246 mm × 101 mm × 81 mm (with bracket)
Weight	Approx. 1.0 kg