



SN-D2-F

Mini Bi-spectrum Radiometric Detector



Key Features

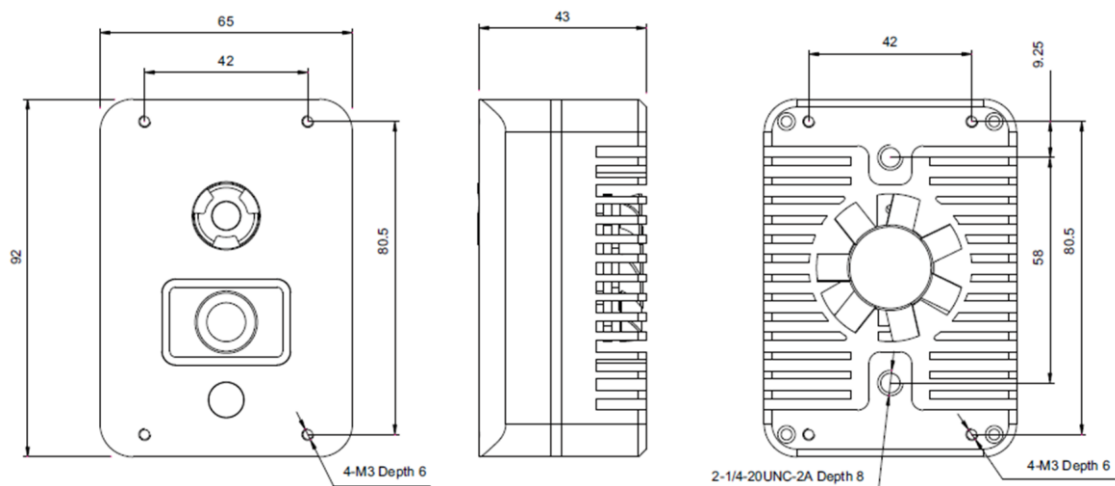
- Uncooled VOx Micro bolometer with 256×192 resolution
- Sensitivity $\leq 65\text{mK}$
- Support 3 temperature measurement rule types (Spot, Line, Area)
- Temperature range: $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim 302^{\circ}\text{F}$)
- 17 color control
- DVE image enhance
- Multi-bracket easy to install

Specification

Thermal Camera	
Detector Type	Uncooled VOx Micro bolometer 256x192
Resolution	256(H)x192(V), Image can be scaled up to 704x576
Thermal Sensitivity (NETD)	≤ 65mK @ F1.0, 300K
Spectral Range	8~14um
Image Setting	Brightness/Sharpness/Contrast/Mirror/FFC/3D DNR
Color Palettes	White-hot/Black-hot/Rainbow/Ironbow etc. up to 17 modes
Lens Type	Fixed
Focus Control	Manual Focus
F No.	F1.0
Angle of View	H: 95°, V:75°
Visible Camera	
Image Sensor	1/2.8" Sony CMOS
Effective Resolution	1920 (H)x1080(V)
Shutter Speed	1/5 ~ 1/20,000s
Min. Illumination	Color: 0.1Lux @(F1.2, AGC ON), B/W: 0.01Lux
S/N Ratio	More than 55dB
W-LED	1pcs
Max Aperture	F2.0
Angle of View	H: 136.2°, V: 77.3°
Focus Control	Fixed
Video and Audio	
Frame Rate	Main Stream: Thermal: D1 @25/30fps Visible: 1920x1080 @25/30fps Sub Stream: Thermal: CIF @25/30fps Visible: D1/VGA/640x360/CIF/QCIF/QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Thermal: 100Kbps~6Mbps Visible: main stream: 500Kbps~12Mbps; sub stream: 100Kbps~6Kbps
Digital Zoom	16x
Mirror	Support
Defog	Support
Motion Detection	Support
Privacy Masking	Off/On (4 Area, Rectangle)
DVE Image Enhance	Support
Intelligence	
Intelligent Functions	Motion detection, Disk alarm, I/O alarm, Temperature alarm
IVS	Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left, Object Removed

Temperature Detection	
Temperature Detection	Support 3 temperature measurement rule types (Spot, Line, Area)
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	±2°C / ±2%
Response Time	≤ 30ms
Temperature measurement range	-40°C ~ 150°C (-40°F ~ 302°F)
Temperature display mode	Temperature target >5°C, Display absolute temperature value, Temperature target ≤5°C, Display relative temperature value (temperature difference DEV = highest value - average)
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocols	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, 802.1x
Interoperability	ONVIF, CGI, SDK
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	Local PC for instant recording
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian
Interface	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	N/A
Alarm	1ch Alarm Input, 1ch Alarm Output
RS485	Support
USB Interface	Support
BNC Output	Support
Reset Button	Support (Built-in)
General	
Power Supply	DC12V ±10%
Power Consumption	Max 10 W
Working Temperature	-20°C~60°C(-4°F~140°F)
Storage Conditions	0~ 90% RH
Certifications	CE/FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	63 × 43 × 92mm (2.48 × 1.69 × 3.62 inch)
Net Weight	450 g (0.99 lb)

Dimensions (mm)



Accessories

Optional:

