

HF-VH243 Fire Detection Camera



- High quality imaging with 4 MP resolution
- Support On/Off Duty Detection
- Support local alarm indicator
- Support 30m-infrared / 10m-white light supplemental lighting
- Water and dust resistant (IP66)
- Supports overlay of OSD alarm events
- Supports PoE power supply and simple cabling

▪ Specification

Camera	
Max. Image Size	2560 × 1440
Sensor Type	1/2.7" Progressive Scan CMOS
Main Stream	25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	25 fps (704 × 576, 640 × 480, 352 × 288)
Min. Illumination	Color: 0.015 Lux@(F1.6, AGC ON)
Lens	2.8mm: horizontal FOV113.31°, vertical 59.85°, diagonal FOV 136.26° 4mm: horizontal FOV 92.59°, vertical 49.67°, diagonal FOV 111.14°
Image Settings	Saturation, brightness, contrast, sharpness, AGC and white balance can be adjusted through the client or browser.
Adjusted Angle	Horizontal: 0° ~ 360°; Vertical: 0° ~ 70°; rotated: 0° ~ 360°
WDR	Digital WDR
Shutter	1/25 ~ 1/100,000 s
Day/Night Switch	IR cut filter
Image Enhancement	BLC, 3D DNR
SVC Encoding	H.264, H.265
H.265	Main Profile
H.264	Main Profile/High Profile
Main Stream Video Compression Standard	H.265, H.264
Sub Stream Compression Standard	H.265, H.264
Video Bitrate	256Kbps ~ 8 Mbps
General	Reset, anti flicker, heartbeat, image, password protection, video occlusion, IP address filtering
Intelligent Alarm	on/off duty alarm
WEB Configuration	Support web preview, configuration
Storage	Support microSD /microSDHC /microSDXC card, up to 256 G
Protocol	TCP/IP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IPv4, UDP
Interface Protocol	ONVIF(PROFILE S, PROFILE G), ISAPI
Power Consumption	≤ 6.5 W
IR Range	30 m
Accessory Type	Wall mount、pendant mount、junction box
Detector	
Temperature Sensing Mode	Non-contact temperature sensing
Thermography Alarm Shielded Area	Customized 4 rectangular regions
High Temperature Alarm	Yes
Alarm Indicator Light	Red/Blue: Alarm (Red/Blue light mode optional) Green: Normal Yellow: Fault
Temperature Measurement	-20 °C ~ 120 °C

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Range	
Thermography Precision	±3°
Function	
Remote Silence	Yes
Interface	
Alarm Interface	HF-VH243:1 way alarm in , 2 way alarm out HF-VH243(2.8mm)(B)(O-STD),HF-VH243(4mm)(B)(O-STD):NA HF-VH243(2.8mm)(O-STD)(<i>样机</i>),HF-VH243(4mm)(O-STD)(<i>样机</i>):1 way alarm in , 2 way alarm out
Audio Interface	HF-VH243:1 built-in microphone, 1 built-in speaker HF-VH243(2.8mm)(B)(O-STD),HF-VH243(4mm)(B)(O-STD):NA HF-VH243(2.8mm)(O-STD)(<i>样机</i>),HF-VH243(4mm)(O-STD)(<i>样机</i>):1 built-in microphone, 1 built-in speaker
Auxiliary Power Interface	DC 12V
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
General	
Power	DC 12V POE:IEEE802.3af,CLASS 2
Using Environment	Temperature: -30 °C ~ 60 °C Humidity: less than 95% (no condensing)
Dimension (Φ × H)	Φ 130 × H 101 mm
Weight	450g
Execution Standard	Q/HKD 006-2019
Mounting Height	Wall mounted: 2.4 m~2.8 m; Pendent: 3.3 m~6 m
Ingress Protection	IP66

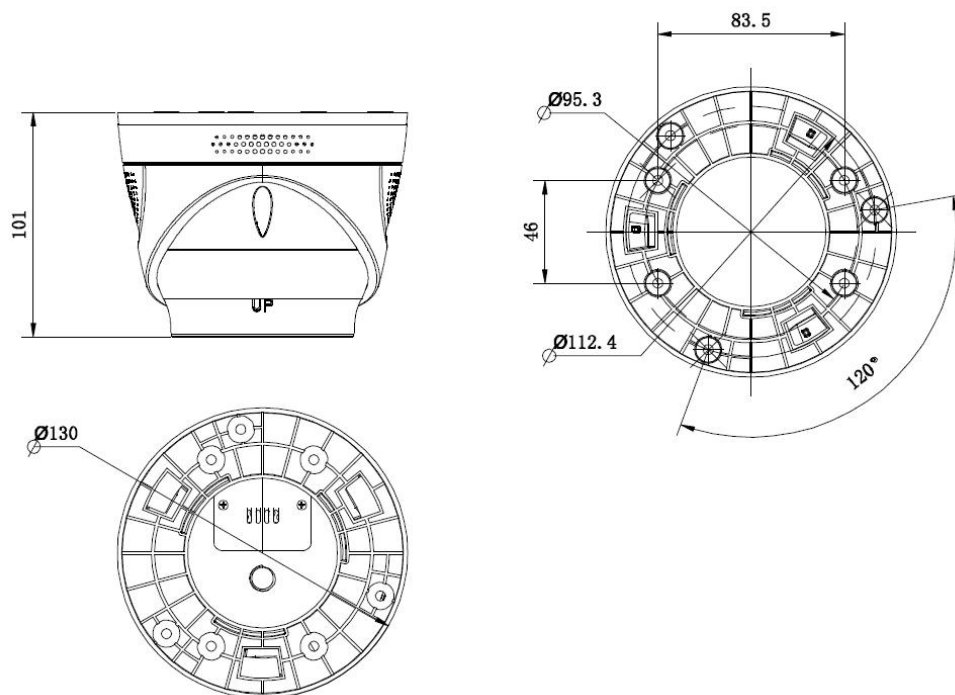
▪ Available Model

HF-VH243(2.8mm)
HF-VH243(4mm)
HF-VH243(2.8mm)(B)
HF-VH243(4mm)(B)

▪ Dimension

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