HIKVISION®

HF-VH343
Fire Detection Camera

- New fusion smart camera, which can sense the temperature for alarm and can be rechecked via video.
- Support AI intelligent detection:Smoke and flame detection, Indoor access blocked alarm, On/off duty alarm, Dangerous goods detection, Dangerous behavior detection, Fire Extinguisher Detection, Area Invasion Detection
- Equip with local alarm indicators
- The maximum resolution can reach 2560 × 1440@25 fps
- Supports 30m infrared illumination
- Support 3D digital noise reduction and wide dynamic range
- Supports backlight compensation and automatic electronic shutter function, adaptable to various usage environments.
- Supports linkage local alarm indicator lights.
- 1 built-in speaker, 1 built-in microphone, supports two-way voice intercom
- Supports OSD alarm event overlay
- Support access to Hik-Connect
- Support PoE power supply
- Supports DC12V (1W) external power output, for powering smoke, gas, and other sensors
- Supports 2 alarm input/output channels, 1 audio input/output channel
- IP67 dust and water resistant

▪ Specification

Camera	
Main Stream	25 fps (2688 x 1520, 1920 × 1080, 1280 × 720)
Max. Resolution	2560 × 1440
Sub Stream	25 fps (704 × 576, 640 × 480，352 × 288)
Min. Illumination	Color: 0.01 Lux @ (F1.6, AGC ON)
Image Settings	Saturation, brightness, contrast, sharpness, AGC and white balance can be adjusted through the client or browser
Lens	Horizontal: 78.96°, Vertical: 43.17°, Diagonal: 93.31°
Adjusted Angle	Horizontal: 0° ~ 360°; Vertical: 0° ~ 70°; Rotated: 0° ~ 360°
WDR	120 dB
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 ~ 8192Kbps
General	Anti flicker, Heartbeat, Mirror, Password protection, Video occlusion
Intelligent Alarm	Smoke and flame detection, Indoor access blocked alarm, On/off duty alarm, Dangerous goods detection, Dangerous behavior detection, Fire Extinguisher Detection, Area Invasion Detection
Exception Detection	Motion detection, Video tampering alarm, Network cable disconnection, IP address conflict, Invalid access, Full memory, Memory error, Peripherals Faults
WEB Configuration	Support web preview, configuration and parameter import/export
Protocol	TCP/IP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IPv4, UDP
Storage	Support MicroSD/MicroSDHC/MicroSDXC card(max. 256 G), disconnection local storge, NAS
Interface Protocol	ONVIF(PROFILE S, PROFILE G), ISAPI, EZVIZ
Power Comsumption	≤10 W
IR Range	30 m
Accessory Type	Wall mounted support, pendent support, universal joint
Detector	
Thermography Alarm Shielded Area	Configure four rectangular areas
Temperature Sensing Mode	Thermistor
Image Sensor	1/2.7" Progressive Scan CMOS
High Temperature Alarm	Yes
Alarm Indicator Light	One, Red: Alarm; Yellow: Fault; Green: Normal
Fire and Smoke Detection	Yes

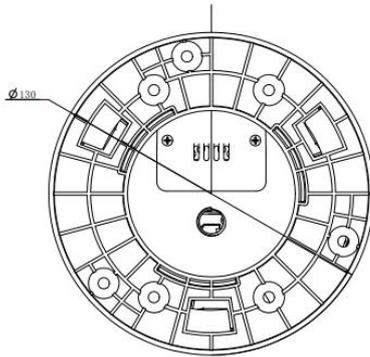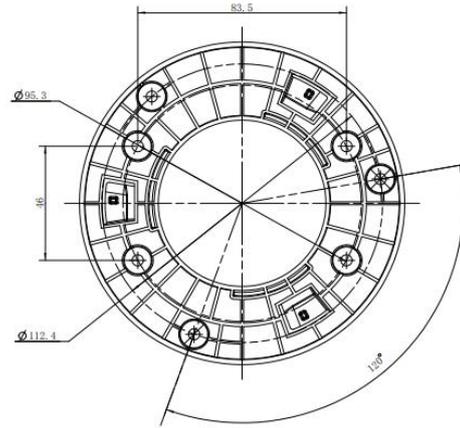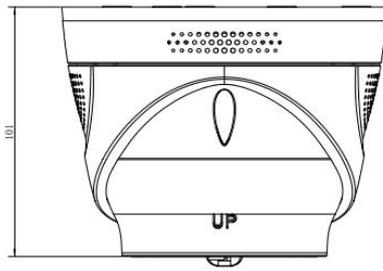| Temperature Exception Detection	Yes
Temperature Measurement Range	-20 ℃ ~ 120 ℃
Thermography Precision	±3°(In a constant temperature environment without wind, power on for 1 hour)
Function	
Remote Silence	Yes
Interface	
Alarm Interface	2 way alarm input (Alarm in), 2 way alarm out (Alarm out)
Audio Interface	1 built-in microphone, 1 built-in speaker, Supports voice intercom
Auxiliary Power Interface	Supports DC 12V output, power 1W
Ethernet Interface	1 RJ45 10 M/100 M adaptive Ethernet port
General	
Power	DC 9 ~ 30V, 18W Max
Using Environment	-30 ℃ ~ 60 ℃ . Humidity 95% or less (non-condensing)
Dimension (φ × H)	Φ 130 × H 101 mm
Weight	407g
Execution Standard	Q/HKD 006-2019
Mounting Height	Wall mounted: 2.4 m~2.8 m, Pendent: 3.3 m~6 m
Ingress Protection	IP67
Communication Mode	HF-VH343:LAN HF-VH343-WF(4mm)(O-STD):wifi HF-VH343-G(4mm)(O-STD):4G HF-VH343(4mm)(O-STD):LAN

▪ Available Model

HF-VH343-WF(4mm)

HF-VH343-G(4mm)

HF-VH343(4mm)

▪ Dimension

101

83.5

Ø95.3

46

Ø112.4

120°

Ø130

UP

See Far, Go Further

HIKVISION®