

## 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 FOV136.26°   |
|   | 4mm : horizontal FOV 92.59° , vertical 49.67° , diagonal FOV111.14°   |
| 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  |
| Protocol  | TCP/IP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IPv4, UDP   |
| Storage   | Support microSD /microSDHC /microSDXC card, up to 256 G   |
| 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  |
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|                               |   |
|-------------------------------|---|
| Temperature Measurement Range | -20 °C ~ 120 °C   |
| Thermography Precision        | ±3°   |
| <b>Function</b>               |   |
| Remote Silence                | Yes   |
| <b>Interface</b>              |   |
| Alarm Interface               | HF-VH243:1 way alarm in , 2 way alarm out<br>HF-VH243(2.8mm)(B)(O-STD),HF-VH243(4mm)(B)(O-STD):NA<br>HF-VH243(4mm)(O-STD)( <i>样机</i> ),HF-VH243(2.8mm)(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<br>HF-VH243(2.8mm)(B)(O-STD),HF-VH243(4mm)(B)(O-STD):NA<br>HF-VH243(4mm)(O-STD)( <i>样机</i> ),HF-VH243(2.8mm)(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   |
| <b>General</b>                |   |
| Power                         | DC 12V<br>POE:IEEE802.3af,CLASS 2   |
| Using Environment             | Temperature: -30 °C ~ 60 °C<br>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  |

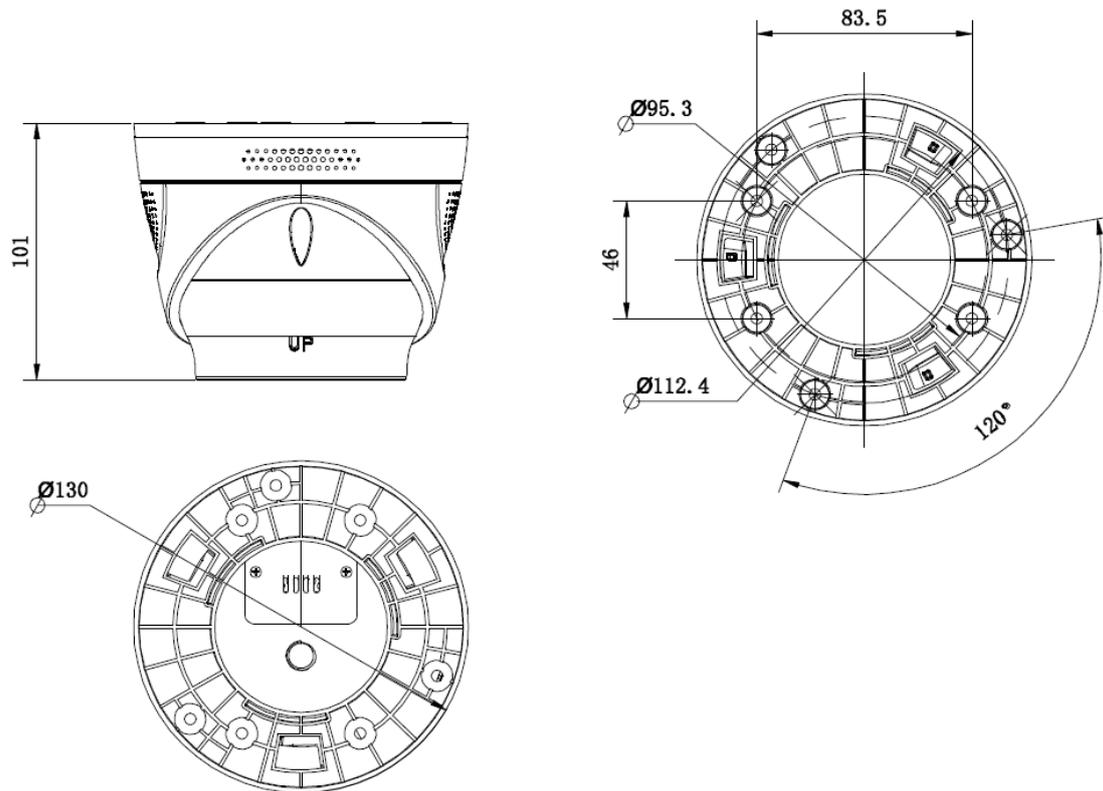
## ▪ Available Model

HF-VH243(4mm)  
 HF-VH243(2.8mm)  
 HF-VH243(2.8mm)(B)  
 HF-VH223(2.8mm)(B)  
 HF-VH243(4mm)(B)  
 HF-VH223(4mm)(B)

## ▪ Dimension

### Headquarters

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*Safer Place Better Life*

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