



## Camera

<b>Image Sensor:</b>	1/2.5" Progressive Scan CMOS
<b>Signal System:</b>	PAL/NTSC
<b>Min. Illumination:</b>	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
<b>Shutter time:</b>	1/3 s to 1/100,000 s
<b>Slow shutter:</b>	Support
<b>Lens:</b>	Horizontal field of view: 105°to 34.5° Vertical field of view: 55°to 19° Diagonal field of view: 125°to 40°
<b>Lens Mount:</b>	φ14
<b>Adjustment Range:</b>	Pan: 0°to 355°, tilt: 0°to 90°, rotate: 0°to 355°
<b>Day&amp; Night:</b>	IR cut filter with auto switch
<b>Wide Dynamic Range:</b>	120 dB
<b>Digital noise reduction:</b>	3D DNR
<b>Focus:</b>	Auto

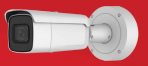
## Compression Standard

<b>Video Compression:</b>	H.265+/H.265/H.264+/H.264/MJPEG
<b>Video bit rate:</b>	32Kbps~16Mbps
<b>Audio Compression:</b>	G.711/G.722.1/G.726/MP2L2/PCM
<b>Audio bit rate:</b>	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
<b>Triple Streams:</b>	Yes

## Image

<b>Max. Image Resolution:</b>	3840 × 2160
<b>Sub Stream:</b>	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
<b>Frame Rate:</b>	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
<b>Third Stream:</b>	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
<b>Image Enhancement:</b>	BLC/3D DNR/ROI/HLC
<b>Image Settings:</b>	Saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
<b>Target Cropping:</b>	No
<b>ROI:</b>	1 fixed region for main stream and sub-stream
<b>Day/Night Switch:</b>	Day/Night/Auto/Schedule/Triggered by Alarm In

# SF-IPCV798ZAWH-8



## Network

<b>Network Storage:</b>	microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
<b>Alarm Trigger:</b>	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
<b>Protocols:</b>	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
<b>General Function:</b>	One-key reset, Anti-Flicker, heartbeat, mirror, password protection, privacy mask, Watermark, IP address filtering
<b>System Compatibility:</b>	ONVIF (Profile S, Profile G),ISAPI

## Interface

<b>Audio:</b>	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound
<b>Communication Interface:</b>	1 RJ45 10M / 100M Ethernet interface
<b>Alarm:</b>	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound
<b>Video Output:</b>	1Vp-p Composite Output(75Ω/CVBS) (For adjustment only)
<b>On-board storage:</b>	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
<b>Reset Button:</b>	Yes

## Audio

<b>Environment Noise Filtering:</b>	Support
<b>Audio Sampling Rate:</b>	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

## Smart Feature-set

<b>Behavior Analysis:</b>	Line crossing detection, intrusion detection
<b>Line Crossing Detection:</b>	Cross a pre-defined virtual line
<b>Intrusion Detection:</b>	Enter and loiter in a pre-defined virtual region
<b>Recognition:</b>	Face Detection

## General

<b>Operating Conditions:</b>	-30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity 95% or less (non-condensing)
<b>Power Supply:</b>	12 VDC ± 25%, PoE (802.3af Class3)
<b>Power Consumption:</b>	12 VDC, 1.2A, max. 14.5W PoE (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W
<b>Impact Protection:</b>	IK10
<b>Weather Proof:</b>	IP67
<b>IR Range:</b>	Up to 50m
<b>Dimensions:</b>	Φ 144.13 × 332.73 mm (Φ 5.7" × 13.1")

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**Weight:**

Camera: 1893 g (4.2 lb.)