



SC-3H43FWD-IGZ



Key Features



- High quality image with 4MP, 1/3" CMOS sensor
- 4MP (2688 x 1520)@20/25fps, 4MP (2560 x 1440)@20/25fps, 3MP (2304 x 1296)@25/30fps, 2MP (1920 x 1080)@25/30fps
- Ultra 265, H.265, H.264, MJPEG
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 corridor mode
- Built-in Mic
- Smart IR, up to 40m (131ft) IR distance
- Supports 256G Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis



Specifications

CameraSC-3H43FWD-IGZ					
Sensor	1/3", 4.0 Megapixel, progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing & motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	42	16.8	8.4	4.2
	12	180	72	36	18
Angle of View (H)	102.79° ~ 30.86°				
Angle of View (V)	54.50° ~ 17.49°				
Angle of View (O)	106.94° ~ 35.49°				
Adjustment Angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotate: 0° ~ 360°				
Shutter	Auto, manual, 1 ~ 1/100000s				
Min. Illumination	Color: 0.003 Lux (F1.6, AGC On) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital Noise Reduction	2D/3D DNR				
S/N	>56dB				
IR Range	Up to 40m (131ft) IR Range				
Wavelength	850nm				
IR On/Off Control	Auto, manual				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 Code Profile	Baseline Profile, Main Profile & High Profile				
Frame Rate	Main Stream: 4MP (2688 x 1520) max. 25fps, 4MP (2560 x 1440) max. 25fps, 3MP (2304 x 1296) max. 30fps, 1080p (1920 x 1080) max. 30fps Sub Stream: 720p (1280 x 720) max. 30fps, D1 (720 x 576) max. 30fps, 640 x 360 max. 30fps, 2CIF (704 x 288) max. 30fps, CIF (352 x 288) max. 30fps				



Video Bit Rate	128 Kbps ~ 16 Mbps
9:16 Corridor Mode	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto, outdoor, fine tune, sodium lamp, locked & auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
Flip	Normal, Vertical, Horizontal, 180°, 90° Clockwise, 90° Anti-Clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS (NFS)
Smart	
Behavior Detection	Cross line, intrusion (based on human body detection), motion detection, tampering alarm & audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP & user authentication
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, 802.1x, SNMP



Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	EZStation EZView EZLive
Web Browser	Plug-in required live view: IE9+, Chrome 41 & below, Firefox 52 & below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+

Interface

Network	10M/100M Base-TX Ethernet
Built-in Mic	Supported

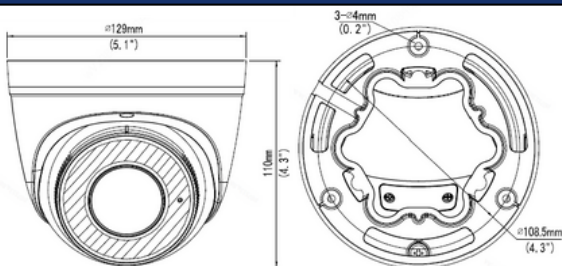
Certifications

Certifications	UL: UL60950-1 FCC: FCC Part 15
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General

Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 8.0W
Dimensions	Φ129mm x 110mm (Ø5.0" x 3.9") (Ø x H)
Net Weight	0.67kg (1.48lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP67
Reset Button	Supported

Dimensions



Accessories



TR-JB03-H-IN
Junction Box



TR-JB07/WM03-F-IN
Wall Mount



TR-WM03-B-IN
Outdoor Wall Mount



TR-UP06-IN
Pole Mount



TR-A01-IN
Waterproof Joint