



12MP 33' IR ULTRA HD VANDAL-RESISTANT FISHEYE FIXED DOME CAMERA

A durable, vandal-resistant fisheye dome camera with an ultra-wide lens, a high 12MP resolution and 360 panoramic image, ideal for indoor and outdoor surveillance of your home or business

What's Included:

- + 12MP HD IP fisheye dome security camera
- + Mounting template
- + Mounting hardware
- + Quick start guide

Smart Analytics Include:

- + Motion Detection
- + Tampering Detection
- + Intrusion Detection
- + Cross Line Detection
- + Audio Detection

- + **Multi-Megapixel Resolution Video** – 12MP resolution provides exceptional clarity and detail for most applications
 - + **Fisheye lens** – designed with a 360-degree field of view for ultra-wide, clear video footage and with a Digital Wide Dynamic Range
 - + **Smart Full-Frame IR = Better Video at Night** – Advanced full-frame illumination technology helps you capture better nighttime video footage of up to 33' with more contrast and clarity.
 - + **Better Images** – IR anti-reflection window increases infrared transmittance, and 3D Digital Noise Reduction assists with pixel capture and therefore produces cleaner video.
 - + **Optical glass window** – to scratchproof to further protect against damage for long-term use
 - + **IK10 vandal-resistant** – durable design for around-the-clock surveillance. Built for high resistance to impact, the metal encased design of this vandal dome camera is unmatched by anything on the market
 - + **Onboard Storage Options** – This camera gives you storage flexibility with an onboard SD slot that supports up to 256GB
 - + **Easy management** – an intuitive interface along with access to the free Guard Viewer mobile app and Guard Station CMS for straightforward management.
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SPECIFICATIONS

CAMERA

Image sensor	1/1.7", 12.0 megapixel, progressive scan, CMOS
Lens	1.8 mm @ F2.4
DORI Distance	Detect: 143 ft. (43.8 m) Observe: 57 ft. (17.5 m) Recognize: 28 ft. (8.8 m) Identify: 14 ft. (4.4 m)
Angle of View	360°
Shutter	Auto / Manual, shutter time: 1 - 1/100000 s
Minimum Illumination	Color: 0.05 Lux (F2.4, AGC ON) 0 Lux with IR
Day/Night	IR-cut filter for day & night function
S/N Ratio	> 52 dB
IR Range	Up to 33 ft. (10 m)
Wavelength	850 nm
IR On/Off Control	Auto / Manual
Defog	Digital Defog
WDR	DWDR

VIDEO

Compression	Ultra265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Fisheye Frame Rate	Main Stream: 15 fps (4000*3000, 3000*3000); 25 fps (2560*2560) Sub Stream: 15 fps (2000*1500, 2000*2000); 25 fps (2000*2000) Third Stream: 15 fps (720*576, 320*288)
Panorama	25 fps (3000*2000) 15 fps (4000*3000, 3000*2000, 3000*1500)
Frame Rate PTZ	15 fps (1920*1080)
Video Bit Rate	128 Kbps - 16 Mbps
ROI	Up to 8 areas
OSD	Up to 8 OSDs
Privacy Mask	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 / Flip Vertical / Flip Horizontal / 180°
Dewarping	N/A
HLC	N/A
BLC	Supported

SMART

Behavior Detection	Intrusion, cross line, motion detection
Intrusion	Enter and loiter in a pre-defined virtual region
Cross line	Cross a pre-defined virtual line
Motion detection	Moving within a pre-defined virtual region
Recognition	Audio detection
Statistical Analysis	Heat map
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication

AUDIO

Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ

STORAGE

Edge Storage	microSD card slot, supports up to 256GB
Network Storage	ANR, NAS (NFS)

NETWORK

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	Guard Station CMS Guard Tools Software Guard Viewer Mobile
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+

SPECIFICATIONS

LIVE VIEW DISPLAY

Mount Type	Supports table, wall, and ceiling
Display Modes	Supports 10 display modes (including display modes of mount types and decoding modes): Display Mode: Original Image, Fisheye+4PTZ, Panoramic Preview Mode: Original Image, 360° Panoramic+1PTZ, 180° Panoramic, Fisheye+3PTZ, Fisheye+4PTZ, 360° Panoramic+6PTZ, Fisheye+8PTZ

INTERFACE

Audio I/O	Audio interface Input: impedance 35 kΩ; amplitude 2V [p-p] Output: impedance 600 Ω; amplitude 2V [p-p]
Alarm I/O	2 / 1 Multiple Alarm linkage editable
Built-in Mic	Supported
Built-in Speaker	Supported
Serial	1 channel RS485 interface
Network	1 RJ45 10M / 100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1V [p-p]

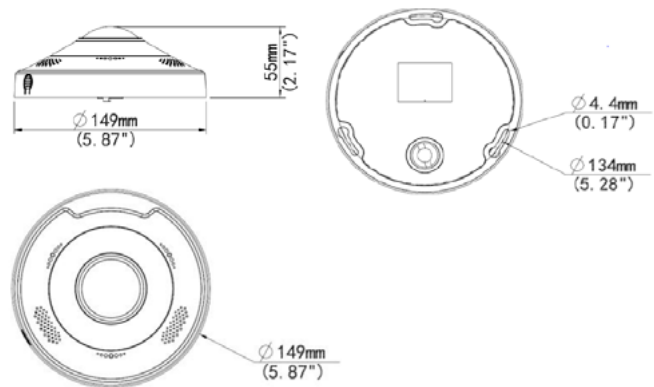
CERTIFICATIONS

Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
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GENERAL

Power	12 Vdc ± 25%, PoE (IEEE 802.3af) Power consumption: Max 9.6 W
Dimensions (Ø x H)	Ø 5.87" x 2.0" (Ø 149 x 51.5mm (∅))
Net Weight	1.1 lb. (0.5 kg)
Material	Shield: PC Body: metal Bottom plate: metal Decorative cover: plastic
Working Environment	-31°F - 140°F (-35°C ~ 60°C), Relative humidity: ≤ 95% (non-condensing)
Storage Environment	-31°F - 140°F (-35°C ~ 60°C), Relative humidity: ≤ 95% (non-condensing)
Surge Protection	6 KV
Ingress Protection	IP66
Vandal Resistant	IK10
Reset Button	Supported

DIMENSIONS



BRACKETS & ACCESSORIES



SC-A01-IN



SC-CM24-IN



SC-JB04-D-IN



SC-SE24-A-IN



SC-SE24-IN