

4MP Enhanced Starlight Camera

Fixed Turret IP Camera



FEATURES

- 4MP IP PoE Enhanced Starlight Camera
- Fixed 2.8mm Lens with 1/1.8" CMOS Sensor
- Built-in Microphone
- Warm Light, up to 30m (98ft)
- 110.4° Wide View
- IP67 Weather Resistant
- -30°C ~ 60°C

ANALYTICS

- Motion Detection: Object moving in field of view
- Line Crossing: Human crossing a defined point*
- Intrusion Detection: Human moving in a defined area*
- Tampering Alarm: Notices of blocked lens
- Audio Detection: Detects sudden volume change

Optional Junction Box



CY-JBI-WH / BK
Junction box



CY-WM03-WH / BK
Wall mount bracket



Motion
Detection



Line
Crossing



Intrusion
Detection



Tampering
Alarm



Audio
Detection



* Only Triggered by Humans

CAMERA	
Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.0003 lux (F1.0, AGC ON)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotate: 0° ~ 360°
WDR	120dB
S/N	>52dB
LENS	
Lens	2.8mm@F1.0
Iris	Fixed
Field of View	(H) 110.4° / (V) 60.5° / (D) 115.2°
DORI Distance	Detect 43.4m Observe 17.4m Recognize 8.7m Identify 4.3m
ILLUMINATOR	
Warm Light	Up to 30m (98 ft)
On/Off Control	Auto/Manual
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*1520), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps;
Video Bit Rate	128 Kbps~6144Kbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Dual streams
IMAGE	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Flip	Normal / Vertical / Horizontal / 180° / 90° Clockwise / 90° Counter-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog

ANALYTICS	
Smart Analytics w/ S.I.P. Filtering (Supports human & vehicle Filtering)	Ultra Motion Detection* *Only compatible with select NVRs
Basic Analytics	Motion detection, Tampering alarm, Audio detection, Cross Line detection†, Intrusion detection†, † Only triggered by Humans
Statistical Analytics	People Flow Counting & Crowd Density monitoring
Other Functions	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
AUDIO	
Audio Compression	G.711
Audio Bitrate	64 Kbps
STORAGE	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
NETWORK	
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; RTMP; SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user, operator
Security	Password protection; Strong password; HTTPS encryption; Export operation logs; Basic and digest authentication for RTSP; Digest authentication for HTTP; TLS 1.2; WSSE and digest authentication for ONVIF
Client	CymCamPro / Guard Station / Star4Live
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+ Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
INTERFACE	
Audio I/O	N/A
Alarm I/O	N/A
Built-in Mic	Support
Network	1 x RJ45 10M/100M Base-TX Ethernet
GENERAL	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 2.8W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Ø118x106mm (Ø4.6" x 4.2") (L x W x H)
Weight	0.48kg(1.06lb)
Material	Metal
Working/Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Support
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)