

4K IP Camera

Fixed Turret IP Camera



FEATURES

- 8MP (4K) IP PoE Camera
- Fixed 2.8mm Lens with 1/3" CMOS Sensor
- Smart IR up to 30m (98ft)
- 112.7° Wide View
- IP67 Weather Resistant
- -30°C ~ 60°C

ANALYTICS

- Motion Detection: Object moving in field of view
- Intrusion Detection: Objects moving in a defined area
- Tampering Alarm: Notices of blocked lens
- Human Body Detection



Motion Detection



Intrusion Detection



Tampering Alarm



Human Body Detection

Optional Junction Box



CY-JBMD-WH / BK
Junction box



CY-WM03-WH / BK
Wall mount bracket



CAMERA	
Sensor	1/3" 8.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.05 Lux (2.0, AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 80° Rotate: 0° ~ 360°
WDR	120dB
S/N	>56dB
LENS	
Lens	2.8mm@F2.0
Iris	Fixed
Field of View	(H) 112.7° (V) 60.1° (D) 146.5°
DORI Distance	Detect 84m Observe 33.6m Recognize 16.8m Identify 8.4m
ILLUMINATOR	
IR Range	Up to 30m (98 ft) IR range
Wavelength	850nm
IR 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: 8MP (3840*2160): Max. 20 fps; 5MP(2944*1656): Max. 30 fps; 4MP(2560*1440): Max. 30 fps; 2MP(1920*1080): Max. 30 fps Sub Stream: 720P (1280*720): Max. 20 fps Third Stream: 4CIF (704*576): Max. 20 fps
Video Bit Rate	128 Kbps~16 Mbps
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 2 areas
Motion Detection	Up to 4 areas
IMAGE	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/ Auto2
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog

ANALYTICS	
Basic Analytics	Motion detection, Tampering alarm, Cross Line detection, Intrusion detection, Human body detection
Other Functions	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication
STORAGE	
Edge Storage	N/A
Network Storage	N/A
NETWORK	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS
Compatible Integration	ONVIF (Profile S+ Profile T), API
User/Host	Up to 32 users. 2 user levels: administrator and common user
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	CymCam2 / Guard Station / Star4Live
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chorme 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
INTERFACE	
Audio I/O	N/A
Alarm I/O	N/A
Built-in Mic	N/A
Network	1 x RJ45 10M/100M Base-TX Ethernet
GENERAL	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Ø 118x96mm (Ø 4.6"x3.8") (Ø x H)
Weight	0.42kg (0.93lb)
Material	Metal
Working/Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	2KV
Reset Button	N/A
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)