

4MP Starlight PTZ IP Camera



FEATURES

- 4MP (2K) IP PoE Starlight Camera
- 25X Optical Zoom
- Smart IR up to 100m (328ft)
- 360° PanTilt Zoom Camera
- IK10 vandal resistant
- IP67 Weather Resistant
- -40°C ~ 70°C

ANALYTICS

- Motion Detection: Objects moving in field of view
- Auto Tracking: Automatically tracks an object that triggers a rule
- Line Crossing: Objects crossing a defined point
- Intrusion Detection: Objects moving in a defined area
- Tampering Alarm: Notifies of blocked lens
- Audio Detection: Detects sudden volume change

Optional Junction Box



CY-WMPTZA-WH
Wall Mount Bracket



Motion Detection



Auto Tracking



Line Crossing



Intrusion Detection



Tampering Alarm



Audio Detection



Enter Area



Leave Area



CAMERA	
Sensor	1/2.8" 4.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.003 lux (F1.5, AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
WDR	120dB
S/N	>56dB
LENS	
Lens	4.8 ~ 120mm, AF automatic focusing and motorized zoom lens
Digital Zoom	16
Optical Zoom	25
Field of View	(H) 52.20°~2.74°/ (V) 30.81°~1.54° / (D) 64.20°~3.23°
DORI Distance	4.8mm Detect 119.3m Observe 47.7m Recognize 23.9m Identify 11.9m 120mm Detect 2475.0m Observe 990.0m Recognize 495.0m Identify 247.5m
ILLUMINATOR	
IR Range	Up to 100m (328 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: 4MP(2688*1520), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	24 areas, up to 4 areas per scene
ROI	Support
Video Stream	Triple streams
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/Flip Vertical/Flip Horizontal/180°/90° Clockwise/90°Anti-clockwise
Dewarping	Support
HLC	Support
BLC	Support
Defog	Digital Defog

ANALYTICS	
Smart Analytics w/ S.I.P. Filtering (Supports human, vehicle, & non-motor vehicle Filtering)	Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection, Ultra Motion Detection* *Only compatible with select NVRs
Basic Analytics	Motion detection, Tampering alarm, Audio detection, Face detection
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.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
STORAGE	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
PAN & TILT	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 200°/s Preset speed: 240°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1°/s ~ 120°/s Preset speed: 200°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15s~1800s
Preset Image Freeze	Support
Home Position	Support
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, 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	1/1
Alarm I/O	2/1
Serial Port	1 RS485
Built-in Mic	N/A
Network	1 x RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC
GENERAL	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: MAX 21W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Ø166 x 295mm (Ø6.5" x 11.6")(L x W x H)
Weight	3.05kg(6.72lb)
Material	Metal + Plastic
Working/Storage Environment	-40°C~70°C(-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)