

2M HD IP 32x IR Outdoor PTZ

XV-SZ2304A-IH



- 384x Zoom Control (Optical 32x, Digital 12x)
 - Endless 360° Pan Rotation
 - Speed (MAX.240°/sec) & Smooth Manual Speed (MIN. 0.1°/sec)
 - Ultra Low Vibration due to S-curved acceleration & deceleration.
 - LED Array IR: IR up to 150m
 - Day & Night (ICR) with Alphanumeric Labels
 - 256 Preset Positions
 - Power-up Action, Watch Timer
 - IP66 environment protection with Surge Protection
 - Vandal-Proof
- (Dome Cover: PC / Housing & Accessories: AL Die-cast)

[PTZ Features]

Micro-Step Technology

Due to the Micro-stepping technology, one step angle is divided by 256. Accordingly, high accuracy as well as low sound noise can be achieved. Micro-stepping technology enables ultra-low speed down to 0.1°/s for high zoom operations.

Vector Driving

Based on the shortest time and the smallest cost concept, each Pan and Tilt motion is done with simultaneous and harmonious manner by Vector drive technology.

[IP Features]

Real-time High Definition Speed Dome Camera

Using the state of art video compression engine, real time HD video streams of 1080p and 720p can be delivered for recording and monitoring.

Triple codec, Simultaneous Multi-Streaming

Triple H/W codec enables to transmit Max 3 independent streams with different settings for different requirements. Therefore, it is possible to combine seamless remote video monitoring using H.264/H.265 with simultaneous transmission of high quality H.264/H.265 to Network Video Recorder.

[Unique Features]

Virtual Joystick on the Image

Virtual Joystick is inspired by real 3-Axis Joystick. You can decide PT direction by right clicking the image and change the zoom in out by scrolling mouse wheel. The PT speeds are proportional to how much you deviate mouse from the center. Using this function, control of PTZ is done in instinctive manner.

Automatic IR Adjustment

IR beamwidth and camera FoV can be matched automatically according to the zoom level by checking the camera's FoV and adjusting IR. High-power monocrystal infrared IR delivers a great distance of 150m.

Specification

Camera

Image Sensor	1/2.8" Progressive Scan Exmor CMOS
Effective Pixels	Approx. 2.1 Mega pixels
Aspect Ratio	HD: 16:9 SD: 4:3
Zoom	32x Optical Zoom / 12x Digital Zoom
Focal Length	f = 4.5 ~ 144.0 mm, F1.6 ~ F4.8
Horizontal angle	59.8°(W) ~2.34 °(T)
MIN. Illumination	Color: 0.1Lux B/W: 0.05 lux
Day & Night	Auto / Day / Night (ICR)
Focus	Full Auto (Near Limit setting) / Semi Auto / Manual
DNR	3D-MCTF digital noise reduction
Shutter Speed	1/25 ~ 1/10000 sec (12 Step)
AGC	AUTO / MANUAL / MAX Gain Limit
White Balance	AWB/AGC/AE/AIC
WDR	AUTO / MANUAL /BLC
Other Functions	POWER UP ACTION, Defog, Home Position Setting, Parking Action

Pan / Tilt

Range	Pan : 360° (Endless) Tilt : 0°~90° (Flip)
Pan/Tilt Speed	Preset : 240°/s Manual : 0.1°~40°/s (Zoom Proportional) Scan : 1.4°~ 40°/s
Preset	256 Presets with Labels
Pattern	4 Patterns
Group	8 Groups (MAX. 32 Entries for Each Group)

General

Infrared	IR Distance: 0m~150m, Wave: 850nm
Power	DC 12V or POE+
Approvals	CE, FCC, IP66, RoHS
Housing	Vandal Proof Structure / Color: White
Material	Body: Aluminum Die-casting
Dimension	Net : Ø204.8 x 371.4 (H) mm x 272.3 (W) mm
Weight	Net: 4 Kg
Operating Temp.	-40°C ~ 60°C (-22°F ~ 122°F)
Humidity	10 ~90%(Non condensing)

Network

Interface	10/100BASE-T
Video Compression	Triple Codec, H.264/H.265
Video Streaming	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)
Resolution	All Codec:1080p,720p,D1
Frame Rate	Max. 30/25 fps in 1080p/720p/D1

Max No. of Clients	5
Protocols Supported	IPv4, ONVIF, TCP/IP, UDP/IP, RTP(UDP), RTSP, NTP, HTTP, DNS, DDNS, DHCP, FTP, SMTP
Protocols Supported	IPv4 Pv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP, FTP, UPnP, DDNS, NTP, IGMP, ICMP
	Security HTTPS(SSL), Digest Authentication(ID/PW)
OS Supported	Windows 7, 10
Infrared LED	
IR Distance	More than 150m (Sync Zoom Ratio)
Wave	850nm

Dimensions

