CAM-IP3638-PV-4X-AI-V2



8MP

NDAA Compliant

AIBASE COLOR

8MP AI Active Deterrence PTZ Camera

- **4x optical**
- **Focal Length: 2.8 mm to 12 mm**
- **IR Up to 30m**
- **Support microSD/SDHC/SDXC card, up to 256 GB**
- **Built-in Microphone & Speaker**
- **DC 12V/POE, max. 13 W**
- **IP66, ONVIF**

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	3840x2160
Min. Illumination	Color: 0.009 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/5 s to 1/20000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Zoom	4x optical
Lens	/
Focal Length	2.8 mm to 12 mm
FOV	Horizontal field of view: 113° to 31.4° (wide-tele), Vertical field of view: 58.4° to 17.6° (wide-tele), Diagonal field of view:138.6° to 36° (wide-tele)
Aperture	Max. F1.6
Focus	Auto,manual
Illuminator	
Supplement Light Range	IR Distance: up to 30 m
Supplement Light Type	IR
PTZ	
Movement Range(Pan)	350°
Movement Range(Tilt)	0° to 90°
Pan Speed	Pan speed: configurable from 0.6° to 54°/s
Tilt Speed	Tilt speed: configurable from 0.6° to 52°/s
Presets	255 (Preset calls have a limit of 20,000 times)
3D Positioning	Yes (without ZOOM in)

Video	
Main Stream	50/60 Hz: 25 fps (3840x2160,3072x1728,2592x1944,2592x-1520,2304,1296,1920x1080,1280x960,1280x720);
Sub-Stream	50/60 Hz: 25 fps (1280x720,640 × 480, 320x240);
Third Stream	50/60 Hz: 25 fps (640x480,320x240);
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265+/H.265/H.264+/H.264/MJPEG Third stream: H.265+/H.265/H.264+/H.264
Video Bit Rate	8 kbps to 16384kbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Region Of Interest (ROI)	/
Audio	
Audio Compression	G.711a/G.711u
Network	
Protocols	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, TCP/IP, UDP, DHCP, PPPoE,
API	Onvif (Profile S, Profile G, Profile T),Http API
Simultaneous	Live View Up to 15 channels
User/Host	5 User
Security	Password protection, complicated password, HTTPS encryption, IP address filter,control timeout settings
Client	VMS
Web Browser	IE11, Chrome 57+, Firefox 52+, Safari 11+
Image	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	DWDR
Defog	NA
Image Stabilization	NA
Image Settings	Saturation, brightness, contrast, sharpness, Hue and white balance adjustable by client software or web browser
Privacy	4 privacy masks
Interface	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB
Alarm	Built-in red & blue flashing lights
Audio	1 built-in MIC
Reset	Yes

Event	
Basic Event	Motion detection
Deep Learning Function	Face Recognition, Human & Vehicle Detection, Perimeter Intrusion Detection, Line Crossing Detection, Stationary Object Detection, Crossing Counting, Heat Map, Crowd Density Detection, Queue Length Detection, License Plate Detection
Smart Tracking	Yes (without ZOOM in)
Alarm Linkage	Upload to FTP, send email, trigger recording, audible warning, lights flashing
General	
Power	DC 12V/POE, max. 13 W
Operating Condition	-30 °C to 60 °C (-22 °F to 149 °F). Humidity 90% or less (non-condensing)
Material	Plastic
Dimension	Ø 166.75 mm × 238 mm (Ø 6.56" × 9.37") Approx. 0.92 kg (2 lb.)
Approval	
Protection	IP66

User Manual

AI Color Pro App