



2MP IR 24X PTZ IP Camera w/AVA Analytics and Optional Auto-Tracking

Features

- Powerful 24X Optical Zoom, 16X Digital Zoom [384X]
- 1/2.8" HD CMOS Progressive Scan Sensor
- 5-120mm Lens offering a 59.2-2.4° Field of View
- Defog, EIS, ROI, WDR [120dB], Day/Night [ICR], DNR [2D & 3D], Auto Iris, Auto Focus, AWB, AGC, BLC
- Remote Monitoring with iPhone, iPad or PC [Internet Browser, ARMS Pro/HD, X5 Synergy VMS]
- 160°/s Pan Speed, 360° Endless Rotation
- Up to 300 Presets, 5 Auto Scans, 8 Tours, 5 Patterns
- Built-in 2/1 Alarm In/Out
- IR Distance up to 150m/500ft
- Edge Recording via SD Card
- Rugged IP66 Housing

Camera		
Image Sensor	1/2.8" Exmor Progressive Scan CMOS	
Effective Pixels	1920 × 1080 [2,073,600 Pixels]	
Minimum Illumination	0.005/0.001 Lux f1.6 [Color/B&W], 0 Lux/f1.6 [IR on]	
S/N Ratio	> 55dB	
Camera Features		
Day/Night	Auto [ICR] / Color / B&W	
Backlight Compensation	BLC / HLC / WDR [120dB]	
White Balance	Auto, ATW, Indoor, Outdoor, Manual	
Gain Control	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Privacy Masking	Up to 24 areas	
Defog	Yes	
Lens		
Focal Length	5mm-120mm [24X Optical Zoom]	
Max Aperture	f1.6-f4.4	
Focus Control	Auto / Manual	
Angle of View	H: 59.2° ~ 2.4°	
PTZ		
Pan/Tilt Range	Pan: 0° ~ 360° Endless; Tilt: -15° ~ 90°, Auto Flip 180°	
Manual Control Speed	Pan: 0.1° ~ 160°/s, Tilt: 0.1° ~ 120°/s	
Preset Speed	Pan: 240°/s, Tilt: 200°/s	
PTZ Modes	5 Patterns, 8 Tours, Auto Pan, Auto Scan	
Idle Motion	Activate Preset/Tour/Scan/Pattern after a preset amount of time	
Powerup Action	Auto-restore previous view	
Protocol	Pelco-P/D	
Video		
Compression	H.265 / H.264 / MJPEG / TV SYSTEM : PAL/NTSC	
Resolution	1080p [1920×1080] / 1.3M [1280×960], 720p [1280×720] / D1 [704×576] / CIF [352×288]	
Frame Rate	Main Stream	1080p/720p/1.3M [1-50/60fps]
	Sub Stream 1	D1/CIF [1 ~ 25/30fps]
	Sub Stream 2	1080p/1.3M/720p/D1/CIF [1-25/30fps]
Bit Rate	H.265/H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps	
Audio		
Compression	G.711a / G.711μ / G.726 / G.729 / AAC / MPEG2-L2	
Interface	1/1 Channel In/Out	
AVA Analytics & Auto Tracking (optional)		
Auto Tracking	Single-Scene, Multi-Scene	
Detection Types	Bi-Directional Tripwire, Perimeter Intrusion Detection, Missing/Abandoned Object, Face Detection	
Network		
Ethernet	RJ-45	
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, NTP, DHCP, DNS, PPPoE, DDNS, IP Filter	
Compatibility	ONVIF, PSIA, CGI	
Remote Access	iPhone, iPad, Android, PC [ARMS Pro/HD, Internet Browser, X5 Synergy VMS]	
General		
Power Supply	AC24V/3A [±10%]	
Power Consumption	10.5W, 26W [IR on]	
Working Environment	-40°C ~ 60°C / < 90% RH	
Ingress Protection	IP66	
Lightning Protection	6kV	
Dimensions	ø205mm × 360mm	
Weight	7.8kg	