

# 23X & 30X IP PTZ CAMERA SPECIFICATIONS



## KEY FEATURES

- ▶ Smart IR II - Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.
- ▶ Independently Controlled Direct Connect AI - Camera based intelligence controlled independently from Medallion NVRs.
- ▶ 100fps High Frame Rate - Camera can easily catch images with no latency despite of the high-speed movement.
- ▶ 0.002Lux Starlight - Delivers high detailed color images even in low light environment reaching 0.002Lux.
- ▶ Smart PTZ Motion Detection - Pan and tilt to the position of motion detected area automatically and zoom in synchronously.
- ▶ IR Distance up to 650ft - Enabling 650 foot distinct images at night with IR LEDs.
- ▶ 300 Preset Positions-The user can easily control the lens position via mouse to monitor interested area and set up to 300 preset positions for patrolling.
- ▶ Keyboard Control - Shortcut keys for PTZ control via Keyboard.
- ▶ Smart Stream - Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265+ saves 70% - 80% bandwidth that of H.264.

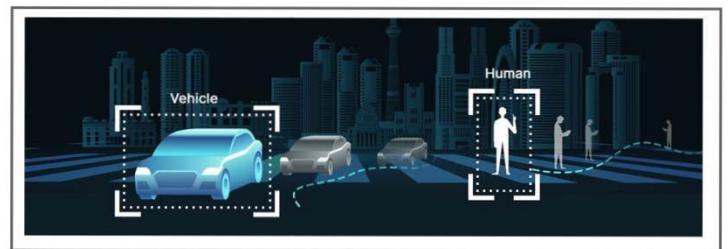
## AI Video Analytics

- 8 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.
- People Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports.
- Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.



## Intelligent PTZ Auto Tracking

With AI detection, the Network Camera could leverage motor mechanism to perform Pan/Tilt/Zoom to track the moving human or vehicle automatically and adjust zoom status flexibly according to the target distance with the powerful optical zoom capability.



## Up to 30X Optical Zoom

Embedded with optical zoom lens, the cameras' resolution is up to 30X optical zoom which allows the user to zoom up to distant objects while still maintaining the clarity and delivering high quality video over the entire zoom range.



## 30fps@ 5MP

Providing 5MP HD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.



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Model	COR-IP5SPD23A	COR-IP5SPD30A	
<b>Camera</b>	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.008Lux@F1.5 B/W: 0Lux with IR on	
	WDR	120dB Super WDR	
	Shutter Time	1/100000s - 1s	
	Digital Zoom	16X	
	Day/Night Mode	Day / Night / Auto / Customize / Schedule	
	S/N	>55dB	
	<b>Lens</b>	Focal Length	5 - 117mm <b>23X Optical Zoom</b>
Zoom Speed		Approx 6s (Wide-Tele)	
Field of View		H55° - H3° / D68° - D4° / V42° - V2°	H58° - H3° / D71° - D3° / V44° - V2°
Focus Control		Auto / Semi-Auto / Manual	
Minimum Working Distance		3.9 - 59inches (100 / 1500mm) (Wide / Tele)	
Aperture		F1.5 - F3.5	F1.5 - F4.0
Iris Control		Auto	
<b>PTZ</b>	Pan Range/Pan Speed	360°endless / Pan Manual Speed: 0.1° - 250°/s, Pan Preset Speed: 250°/s	
	Tilt Range/Tilt Speed	-5° - 90°(Auto Flip) / Tilt Manual Speed: 0.1° - 160°/s, Tilt Preset Speed: 160°/s	
	Proportional Zoom	Support	
	Preset Quantity	300	
	Patrol	8 Patrols, up to 48 presets each patrol	
	Pattern	4 Patterns	
	Auto Tracking	Support	
	Power Off Memory	Support	
	Other Function	Auto Scan, Auto Home, Preset Freezing, 3D positioning, PTZ Limits, Initial Position	
<b>IR</b>	IR Distance	Up to 650 feet	
	IR Angle	Auto / Manual	
<b>Video</b>	Max. Image Resolution	2592x1944	
	Main Stream	60Hz: 30fps@(2592x1944), 45fps@(2048x1536),60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(2592x1944), 45fps@(2048x1536),50fps@(1920x1080, 1280x960, 1280x720, 704x576)	
	Sub Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
	Third Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)	

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<b>Video</b>	Video Compression	H.265+ / H.265(HEVC) / H.264+ / H.264/ MJPEG
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)
	Privacy Masking	Up to 28 areas (24 mask areas and 4 mosaic areas)
	ROI	Up to 8 areas
	Image Setting	Brightness / Contrast / Saturation / Sharpness
<b>Interface</b>	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	1/1
	Alarm I/O	4/2
	RS485	Support
<b>Network</b>	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
<b>Audio</b>	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16 - 256kbps
	Two-way Audio	Support
<b>Intelligent Analytics</b>	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
	Face Detection	Detect and capture faces, get real-time snapshots
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting
<b>System</b>	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.
	System Compatibility	Open Compatibility
	Power Supply	Temperature: -40°C - 60°C / Humidity: 0 - 90% (Non-condensing) PoE (802.3at) / AC 24V/3A±10%
	Power Consumption	12W MAX / 25W MAX (With IR on)
	Weather Proof/Housing	Up to IP66-rated for Weather-resistant Performance
	Heater	Support
	Wiper (Optional)	N/A
	Surge Protection	6KV
	Reset Button	Support
	Dimensions/Weight	8 inches (205mm) X 12inches (308mm) /8.81 lbs (4Kg)