

# 4MP Network Starlight IR PTZ Dome Camera

PTZ-6854SR-X38UP-VC



## Key Features

### Optics

- 38X Optical Zoom
- Starlight illumination
- Accurate and fast focusing
- Smart IR, up to 250m IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Gyroscope

### Compression

- 4 Megapixel image
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- Customized OSD

### Network

- ONVIF Conformance

## Structure

- Innovative snow-removing functionality
- More effective heat dissipation system
- Intelligent temperature control technology
- IP66
- PoE++ (IEEE 802.3bt)

## Specifications

Camera		PTZ-6854SR-X38UP-VC				
Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS					
Lens	5.7 ~ 216.6mm, AF automatic focusing and motorized zoom lens					
Digital Zoom	16					
Optical Zoom	38					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	
	5.7	97.5	39	19.5	9.8	
	216.6	3030	1212	606	303	
Angle of View (H)	58.5° ~ 2.1°					
Angle of View (V)	34.9° ~ 1.2°					
Angle of View (O)	72.0° ~ 2.5°					
Shutter	Auto/Manual; shutter time: 1 ~ 1/100000s					
Minimum Illumination	Colour: 0.0005Lux (F1.3, AGC ON) 0Lux with IR					
Iris	Auto/Manual; F1.3 ~ F4.6					
Day/Night	IR-cut filter with auto switch (ICR)					
Digital noise reduction	2D/3D DNR					
S/N	>55dB					
IR Range	UP to 250m					
Defog	Optical Defog & Digital Defog					
WDR	120dB					
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 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps					
HLC	Supported					
BLC	Supported					
EIS	Supported (Gyroscope)					
OSD	Up to 8 OSDs					
Privacy Mask	Up to 24 areas					

ROI	Up to 8 areas
Motion Detection	Up to 4 areas
<b>Audio</b>	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
<b>Storage</b>	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
<b>Pan &amp; Tilt</b>	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 74°/s
	Preset speed: 300°/s
Tilt Range	-20° ~ 90° (auto reverse)
Tilt Speed	0.1° ~ 74°/s
	Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported
<b>Interface</b>	
Audio I/O	Audio cable
	Input: impedance 1kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Serial Port	1 RS485
Network	1 RJ45 10M / 100M Base-TX Ethernet
<b>General</b>	
Power	AC 24V ±25%, DC 24V ±25%, PoE++ (IEEE 802.3bt) (IEEE802.3bt switch required)
	Power consumption: 16 ~ 51W
Dimensions (Ø x H)	Φ270 x 496.7mm
Weight	9.69kg
Working Environment	-40°C ~ 70°C, Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP66
Reset Button	Supported

## Dimensions

