



DCS-F5838-8M-SL

4K Ultra-HD Network IR PTZ Dome Camera

KEY FEATURES

- 38X Optical Zoom
- Starlight illumination
- Accurate and fast focusing
- Smart IR, up to 250m (820ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Gyroscope

Compression

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

Network

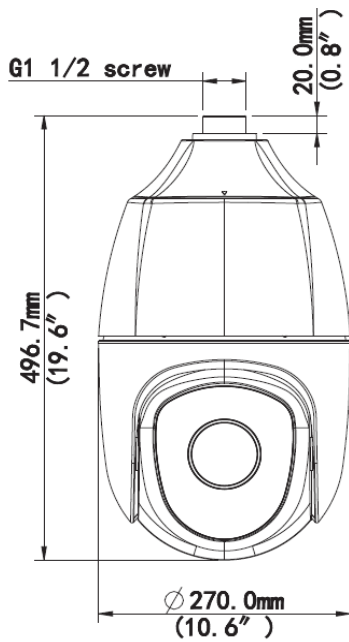
- ONVIF Conformance

Structure

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

Camera				
Sensor	1/1.8", 8.0 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)
	5.7	146.3	58.5	29.3
	216.6	4545	1818	909
Angle of View (H)	61.2°~ 2.3°			
Angle of View (V)	36.8°~ 1.3°			
Angle of View (O)	75.3°~ 2.7°			
Shutter	Auto/Manual; shutter time: 1 ~ 1/100000s			
Minimum Illumination	Colour: 0.003Lux (F1.5, AGC ON) 0Lux with IR			
Iris	Auto/Manual; F1.5 ~ F4.8			
Day/Night	IR-cut filter with auto switch (ICR)			
Digital noise reduction	2D/3D DNR			
S/N	>55dB			
IR Range	UP to 250m (820ft)			
Defog	Optical Defog & Digital Defog			
WDR	120dB			
Video				
Video Compression	Ultra 265, H.265, H.264			
H.264 code profile	Baseline profile, Main Profile, High Profile			
Frame Rate	Main Stream: 8MP (3840*2160), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps			
HLC	Supported			
BLC	Supported			
ELS	Supported(gyroscope)			
OSD	Up to 8 OSDs			
Privacy Mask	Up to 24areas			
ROI	Up to 8 OSDs			
Motion Detection	Up to 24 areas			
Smart				
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication			
Audio				
Audio compression	G.711			
Two-way audio	Supported			
Suppression	Supported			
Sampling Rate	8KHZ			
Storage				
Edge Storage	Micro SD, up to 256GB			
Network Storage	ANR			
Network				
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			

Dimensions



Pan & Tilt	
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°/s ~ 74°/s
	Preset speed: 300°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Home position	Supported
Interface	
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
General	
Power	AC 24V ±25%, DC 24V±25%, PoE++ (IEEE 802.3bt) (IEEE802.3bt switch)
	Power Consumption: 16 ~ 51W
Dimensions (Ø x H)	Ø270 x 496.7mm (Ø10.6" x 19.6")
Weight	9.69kg (21.4lb)
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP66
Reset Button	Supported