



DCS-F5612S

2MP NETWORK IR FIXED VF DOME CAMERA

KEY FEATURES

OPTICS

- Day/night functionality
- SmartIR, up to 30 m (98 ft) IR distance
- Lowlight surveillance
- 2D/3D DNR (Digital Noise Reduction)

COMPRESSION

- Ultra 265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode

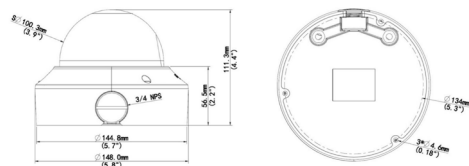
NETWORK

- ONVIF Conformance

STRUCTURE

- Support PoE power supply
- Built-in PoE splitter that outputs DC 12V
- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 3-Axis

DIMENSIONS



Camera					
Sensor: 1/2.8", progressive scan, 2.0 megapixel, CMOS			Lens: 2.8-12mm@ F1.6		
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	2.8mm	45	18	9	4.5
	12mm	192.9	77.1	38.6	19.3
Angle of View (H): 94.0°~28°		Angle of View (V): 56.7°~14.4°		Angle of View (O): 122.2°~34.4°	
Adjustment angle	Pan: 0°~360°		Tilt: 0°~80°		Rotate: 0°~360°
Shutter	Auto/Manual, 1~1/100000 s				
Minimum Illumination	Colour: 0.001 Lux (F1.6, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98 ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	Ultra 265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream:2MP (1920×1080): Max. 30 fps; Sub Stream:2MP (1920×1080): Max. 30 fps; Third Stream:D1 (720×576): Max. 30 fps				
HLC: Supported					Privacy Mask: Up to 8 areas
BLC: Supported					ROI: Up to 8 areas
9:16 Corridor Mode: Supported					Motion Detection:Up to 4 areas
OSD: Up to 8 OSDs					
Audio					
Audio Compression	G.711				
Two-way audio	Supported				
Suppression	Supported				
Sampling Rate	8 KHZ				
Smart					
Behavior Detection	Intrusion, cross line, motion detection				
Intrusion	Enter and loiter in a pre-defined virtual region				
Cross Line	Cross a pre-defined virtual line				
Motion Detection	Moving within a pre-defined virtual region				
Recognition	Face detection, Audio detection				
Intelligent Identification	Defocus, Scene Change, Object Left, Object Moving				
Statistical Analysis	People counting				
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
Storage					
Edge Storage	Micro SD, up to 256 GB				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP				
Compatible Integration	ONVIF(Profile S, Profile G, Profile T), API				
Interface					
Audio I/O	Audio cable		Output: impedance 600 Ω; amplitude 2 V [p-p]		
	Input: impedance 35 kΩ; amplitude 2 V [p-p]				
Alarm I/O	1/1				
Network: 1 RJ45 10M/100M Base-TX Ethernet			Video Output: 1 BNC, impedance 75 Ω; amplitude 1 V [p-p]		
General					
Power	DC12V±25%, PoE (IEEE802.3 af)		Power consumption: max. 7.2 W		
Dimensions (Ø x H): Ø148 x 111.3 mm (Ø5.8" x 4.4")			Weight: 0.92 kg (2.0 lb)		
Working Environment	-40°C ~ +60°C (-40°F ~ 140°F), Humidity:10%~90% RH(non-condensing)				
Ingress Protection: IP67					Vandal Resistant: IK10
Reset Button	Supported				