

Specifications

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Lens	2.7-12mm @ F1.4, horizontal field of view: 113° to 33.8°
Lens Mount	Φ14
Day & Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	Digital Wide Dynamic Range
3-Axis Adjustment	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°
Compression Standard	
Video Compression	H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)
Dual Streams	Support
Image	
Max. Resolution	1920 × 1080
Frame Rate	50Hz: 25fps (1920 × 1080,1280 × 960,1280 × 720) 60Hz: 30fps (1920 × 1080,1280 × 960,1280 × 720)
Image Settings	Saturation, Brightness, Contrast, etc., adjustable by client software or web browser
Backlight Compensation	Support, zone optional
Region of Interest	Support one customized region for each stream
Network	
Storage	Support Micro SD/SDHC/SDXC card (up to 128 GB) local storage and NAS (NFS,SMB/CIFS)
Alarm Trigger	Intrusion Detection, Line Crossing Detection, Motion Detection, Dynamic Analysis, Video Tempering Detection, Network Disconnected, IP Address Conflicted, HDD Full, HDD Error
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
General Function	Anti-Flicker, Dual Streams, Mirror, Password Protection, Privacy Mask, Watermark, Heartbeat
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet port
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128GB

General	
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)
Power Consumption	Max. 5.5 W
IR Range	Approx. 20 to 30 meters
Protection Level	IP66, IK10
Dimensions	Φ141 × 99.9 mm (5.55" × 3.94")
Weight	800g (1.76 lbs)

Order Models

DS-2CD2720F-IZ, DS-2CD2720-IZS
 -S: Audio/Alarm IO

Dimension

