



S Series

SD9364-EHL-V2

2MP PTZ Network Camera



Technical Specifications

System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	128 MB
RAM	512 MB

Camera Specifications	
Image Sensor	1/3" Progressive CMOS
Max. Resolution	1920x1080 (2MP)
Lens Type	30x Optical Zoom, Auto Focus
Focal Length	4.3~129mm (30x zoom)
Aperture	F1.6~4.7
Iris Type	DC-Iris
Field of View	59° ~ 2° (Horizontal) 45° ~ 2° (Vertical) 71° ~ 3° (Diagonal)
Shutter Time	1/8 sec. to 1/30,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut filter	Yes
Illuminators	Built-in 850nm IR Illuminators up to 150 meters with Smart IR II, IR LED*2
Minimum Illumination	0.42 lux @ F1.6 (Color) 0.01 lux @ F1.6 (B/W) 0 lux with IR illumination on
Pan Speed	0.1° ~ 300° /sec
Pan Range	360° endless
Tilt Speed	0.1° ~ 300° /sec
Tilt Range	-110° ~ +110°
Preset Location	256 preset locations 128 presets per tour
Pan/Tilt/Zoom Functionalities	32x digital zoom (4x on IE plug-in, 8x built-in) Auto Pan mode Auto Patrol mode
Storage	Seamless Recording to MicroSD/SDHC/SDXC card (1TB capacity supported) and recording to network-attached storage (NAS)
Built-in Installation Aids	Remote focus, remote zoom

Video	
Compression	H265, H264, MJPEG
Maximum Frame Rate	H.265 & H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080
Maximum Streams	4 video streams (Up to 9 configurable profiles)
S/N Ratio	54 dB
Dynamic Range	110 dB
Video Streaming	Adjustable resolution, quality and constrained bit rate control, Smart Stream II
Image Settings	Time stamp, text overlay, flip & mirror; configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24 for speed dome); scheduled profile settings, defog, 3DNR, EIS, HLC

Audio	
Audio Capability	Two-Way Audio (full duplex)
Compression	G.711, G.726
Interface	External microphone input External line output

Network	
Users	Live viewing for up to 10 clients
Security	Access list, CSRF protection, Digest authentication, HTTPS, IEEE 802.1x, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), User access log, User account management
Protocols	802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP, HTTPS, ICMP, IGMPv3, IPv4, IPv6, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Profile G, S, T supported, specification available at www.onvif.org

Solution Integration	
VADP Package	Stratocast, Trend Micro IOT Security (3-year free trial)

Alarm and Event	
Event Trigger	Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, system boot
Event Action	Event notification via audio clip, digital output, email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card

General	
Connectors	RJ-45 cable connector for 10/100Mbps Network/PoE connection Audio line input* Audio line output* AC/DC 24V power input Digital input*4* Digital output*2* RS-485 (Pelco D, Baud rate 2400)* 1* * Requires AO-007 cable
LED Indicator	System power and status indicator
Power Input	AC 24V, DC 24V, PoH/PoE (95W) (Simultaneous Power Redundancy Supported)
Power Consumption	PoH/PoE (95W): Max. 70 W (Heater on, IR on) Max. 51 W (Heater off, IR on) AC/DC 24V: Max. 63 W (Heater on, IR on) Max. 45 W (Heater off, IR on)
Dimensions	237 x 364 mm
Weight	7.1 kg
Certifications	EMC: CE, LVD, FCC Class A, VCCI Safety: UL Environment: IK10, IP66, NEMA 4X
Operating Temperature	Starting Temperature: -40°C ~ 55°C (-40°F ~ 131°F) Working Temperature: -40°C ~ 55°C (-40°F ~ 131°F) (DC 24V) -50°C ~ 55°C (-58°F ~ 131°F) (AC 24V/PoH (95W)) *Wiper is functional at 10°C to 55°C (50°F to 131°F)
Humidity	98% RH (non-condensing)

System Requirements	
Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above

Included Accessories

Packing Contents

Wall mount bracket, I/O cable, screws,
waterproof connectors, terminal blocks,
quick installation guide,
alignment sticker, ground wire, T25 star
driver, desiccant bags