



S Series

IZ9361-EH

2MP Outdoor Zoom Lens 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	20x Optical Zoom, Auto Focus
Focal Length	f = 4.7 ~ 94 mm
Aperture	F1.6 ~ F3.5
Iris Type	DC-iris
Field of View	55.4° ~ 2.9° (Horizontal) 32.6° ~ 1.6° (Vertical) 62.7° ~ 3.3° (Diagonal)
Shutter Time	1/8 sec. to 1/30,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut filter	Yes
Illuminators	150 meters
Minimum Illumination	0.26 lux@ F1.6 (Color) 0.01 lux @ F1.6 (B/W)
Preset Location	20 preset locations
Pan/Tilt/Zoom Functionalities	128x digital zoom (4x on IE plug-in, 32x built-in)
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
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Video	
Compression	H.265 & H.264 & MJPEG
Maximum Frame Rate	H.265 & H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080
Maximum Streams	4 video streams
S/N Ratio	Above 53dB
Dynamic Range	110dB
Video Streaming	Adjustable resolution, quality and constant bit rate control, Smart Stream III
Image Settings	General settings video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings Illuminators illuminators, anti-overexposure Image settings white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR, HLM, DIS, scene mode (auto, deblur) Exposure BLC, HLC, exposure control (exposure level, iris adjustment, exposure time, gain control, iris mode), AE speed adjustment, WDR Focus zoom, focus Privacy mask Scheduled profile settings

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, digest authentication, HTTPS , IEEE 802.1x, Password protection, signed firmware, 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 BaseTX/1000 BaseTX 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)
Video Motion Detection	Motion Detection (Five-window video motion detection)

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, PIR detection, recording notification, SD card life expectancy, shock detection, system boot, video loss, video restoration
Event Action	Event notification via audio clip, digital output, email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP/SFTP, NAS server, SD card

General	
Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC24V/DC24V power input Digital input*3 Digital output*1 RS485
LED Indicator	System power and status indicator
Power Input	60W UPoE DC 24V AC 24V
Power Consumption	UPoE/DC12V/AC24V: Max. 48W (Heater on) Max. 18W (Heater off)
Dimensions	147 x 375 x 322 mm
Weight	4.3kg
Certifications	Weather-proof IP67- and NEMA 4X-rated housing Vandal-proof IK10-rated housing (camera body only) CE, LVD, FCC Class A, VCCI, C-Tick, UL, EN50121-4 EMC CE (EN55032, EN55024 Class A, EN50121-4), FCC (FCC Part 15 Subpart B Class A), RCM (AS/NZS CISPR32 Class A), VCCI (VCCI-CISPR 32 Class A) Safety UL (UL62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471) Environment IK10 (IEC 62262), IP66/67 (IEC 60529) IA BIS (IS 13252), BSMI (EMC: CNS 13438, Safety: CNS 14336-1)
Operating Temperature	Starting Temperature: -40°C ~ 60°C (-40°F ~ 140°F) Working Temperature: -50°C ~ 60°C (-58°F ~ 140°F)
Humidity	0.9

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, screws, waterproof connectors, quick installation guide, alignment sticker, L-wrench, software CD, desiccant bags, I/O combo cable

