



S SD9364-EHL series Speed Dome Network Camera



1080p HD · 30x Zoom · 150M IR · NEMA 4X · IP66 · Defog ·
-40°C ~ 55°C · EIS · 95W PoH/PoE · GbE Port

VIVOTEK's SD9364-EHL is a brand-new professional speed dome camera with 150 M IR, specifically designed for wide open areas even in total darkness. The SD9364-EHL is equipped with high-performance H.265/H.264/MJPEG compression technology and extra-smooth video quality with up to 150 M IR illumination, providing superb low-light imagery with an adjustable Zoom Lens, and clearly enhanced resolution for any moving object at night-time. In addition, the SD9364-EHL also adopts VIVOTEK latest IR technology, VAIR (Vari-Angle IR), which provides up to 150 meter IR illumination with smooth vari-angle adjustment, broad coverage of FOV and highly uniform IR intensity while avoiding hot-spot issues.

Offering 1080p Full HD resolution and adopting a 30x optical zoom lens and purpose-designed VAIR (Vari-Angle IR), the SD9364-EHL is able to capture fine details at top-notch quality, no matter what time of day or night. Further strengthening this camera performance in the field, IP66- and NEMA 4X-rated housing protects the camera body against rain, dust and corrosion and allows for a wide operating temperature range of between -40°C and 55°C. This robust housing ensures operation even under extreme weather conditions and hazardous environments and makes the SD9364-EHL ideally placed to monitor wide open indoor/outdoor spaces such as airports, highways and parking lots where high-level reliability and precision are always required.

As with all VIVOTEK true day/night cameras, the SD9364-EHL features a removable IR-cut filter, maintaining clear images 24 hours a day. And with added audio detection, by recognizing increases or decreases in ambient noise, an additional layer of intrusion detection is ensured. Finally, other advanced features such as SD/SDHC/SDXC card slot, 95W PoH/PoE support and 60 fps high quality video, guarantee that the SD9364-EHL is the very best choice for the most demanding outdoor surveillance applications.

Key Features

- Real-time H.265, H.264 and MJPEG Compression (Triple Codec)
- 1080p HD CMOS Sensor
- 60 fps @ 1080p Full HD
- 30x Zoom Lens, 150 M IR
- VAIR (Vari-Angle IR)
- Removable IR-cut Filter for Day & Night Function
- 360° Continuous Pan and 220° Tilt
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP66-rated and NEMA4X Housing
- -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- Audio Detection for Instant Alerts
- Auto Tracking for Moving Objects
- Smart Stream II to Optimize Bandwidth Efficiency
- 3D Privacy Masks for Additional Protection
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage
- Defog
- EIS



Campus



Station



Without VAIR



With VAIR



Airport









Port

Technical Specifications

Model	SD9364-EHL	Interface	10 Base-T/100 Base-TX/1000 Base-T Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
System Information		ONVIF	Supported, specification available at www.onvif.org
CPU	Multimedia SoC (System-on-Chip)	Intelligent Video	
Flash	128MB	Video Motion Detection	Five-window video motion detection
RAM	512MB	Auto-Tracking	Auto-tracking on moving object
Camera Features		Alarm and Event	
Image Sensor	1/3" Progressive CMOS	Alarm Triggers	Manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, motion detection
Maximum Resolution	1920x1080 (2MP)	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Lens Type	30x Optical Zoom, Auto Focus	General	
Focal Length	f = 4.3~129 mm (30x zoom)	Connectors	RJ-45 cable connector for 10/100/1000Mbps Network/PoE connection Audio input Audio output DC 48V power input Digital input*4 Digital output*2 RS-485 for PTZ control (PelcoD protocol, Baud rate 2400)
Aperture	F1.6 ~ F4.7	LED Indicator	System power and status indicator
Auto-iris	DC-iris	Power Input	95W PoH/PoE DC 48V AC 24V (Optional)
Field of View	2.3° ~ 64° (Horizontal) 1.3° ~ 36° (Vertical) 2.6° ~ 73° (Diagonal)	Power Consumption	Max. 87 W (Heater on) Max. 39 W (Heater off)
Shutter Time	1/1 sec. to 1/32,000 sec.	Dimensions	Ø: 204 mm x 317.6 mm
WDR Technology	WDR Pro	Weight	Net: 6030 g
Day/Night	Removable IR-cut filter for day & night function	Casing	Weather-proof IP66- and NEMA 4X-rated housing
Minimum Illumination	0.42Lux @ F1.6 (Color) 0.001Lux @ F1.6 (B/W)	Safety Certifications	CE, FCC Class A, VCCI, C-tick, NEMA 4X, UL
Pan Speed	0.05° ~ 450° / sec	Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Pan Range	360 endless	Humidity	90%
Tilt Speed	0.05° ~ 450° / sec	Warranty	36 months
Tilt Range	220° (-110° ~ +110°)	System Requirements	
Preset Locations	256 preset locations 128 presets per tour	Operating System	Microsoft Windows 8/7/Vista/XP/2000
Pan/Tilt/Zoom Functionalities	48x digital zoom (4x on IE plug-in, 12x built-in) Auto pan mode Auto patrol mode	Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11
IR Illuminators	150 m	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
On-board Storage	Slot type: SD/SDHC/SDXC card slot Seamless Recording	Included Accessories	
Video		CD	User's manual, quick installation guide, Installation Wizard 2, VAST 32-CH software
Compression	H265, H264, MJPEG	Others	Wall mount bracket, screws, waterproof connectors, terminal blocks, quick installation guide, warranty card, alignment sticker, ground wire, T25 stardriver, software CD, desiccant bags, AM-220 wall mount bracket, AO-003 I/O cable
Maximum Frame Rate	60 fps @ 1920x1080 In all compression mode	Dimensions	
Maximum Streams	4 simultaneous streams		
S/N Ratio	53.64 dB		
Dynamic Range	110 dB		
Video Streaming	Adjustable resolution, quality and bitrate Smart Stream II		
Image Settings	Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings, defog, 3DNR, EIS		
Audio			
Audio Capability	Audio input/output (full duplex)		
Compression	G.711, G.726		
Interface	External microphone input External line output		
Network			
Users	Live viewing for up to 10 clients		
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/ RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS, NTCIP		

Compatible Accessories


Mounting Kits		Cabinet			Others	
						
AM-529 Mounting Adapter	AT-CAS-001 Cabinet for Speed dome, IP66, IK10, NEMA 4X	AT-CAB-002 Cabinet for HLG Power Supply	AT-SUN-002 Sunshield	AT-SWH-001 Power Safety Kit	IPD-USB USB Joystick	

PoE Kit/Power Adapter

Application Temperature

-40°C to 70°C (-40°F to 158°F)

PoE Solution

	+			+			+	
AW-IHS-0200/0201/0203 Industrial Fiber Media Converter		HLG-120H-48 Industrial 48VDC/120W Power Supply, IP67	AW-IHH-0100 Industrial 1xGE 95W PoH/ PoE Injector		HLG-120H-54 Industrial 54VDC/120W Power Supply, IP67	AW-IHH-0200 Industrial 1xGE 95W PoH/ PoE + 1x SFP GE Switch		HLG-120H-54 Industrial 54VDC/120W Power Supply, IP67

DC 48V Power Adapter



HLG-120H-48
Industrial 48VDC/120W Power Supply, IP67

-20°C to 30°C (-4°F to 86°F)

PoE Solution



AP-GIC-010A-095
95W PoH/PoE