



S SD9364-EHL-v2

Speed Dome Network Camera

1080p 60 fps • 30x Zoom • 150M IR • IP66 • IK10 •
NEMA 4X • -50°C ~ 55°C

The SD9364-EHL-v2 is the latest professional speed dome camera from VIVOTEK, specifically designed to enhance low light surveillance in large coverage areas. Equipped with 150M IR illuminators and a 30x optical zoom lens, the SD9364-EHL-v2 provides a superb low light image in the most challenging situations. The SD9364-EHL-v2 also adopts VIVOTEK's Smart IR II technology, which provides smooth vari-angle adjustment of the IR illuminators, allowing broad coverage FOV and highly uniform IR intensity while avoiding hot-spots traditionally associated with IR illumination.

The SD9364-EHL-v2 is the PTZ surveillance camera with IR Illumination to utilize H.265 compression technology. When combined with VIVOTEK's Smart Stream II technology users can obtain bandwidth savings of up to 80%* compared to traditional H.264. By combining 1080p full HD resolution with H.265, IR

illuminators, Smart IR II, WDR, and 30x optical zoom, the SD9364-EHL-v2 is able to capture fine details at top-notch quality, 24 hours a day, 7 days a week.

VIVOTEK further strengthened the camera performance with an IP66- and NEMA 4X-rated housing to protect the camera against rain, dust, and corrosion. The SD9364-EHL-v2 has a wide operating temperature range from -50°C to 55°C, ensuring continuous operation under the most extreme weather conditions and hazardous environments. This makes the SD9364-EHL-v2 ideally suited to monitor wide open spaces such as ports, highways, cities, and parking lots where high-level precision is required.

* Depending on scene.

Key Features

- Real-time H.265, H.264 and MJPEG Compression (Triple Codec)
- 60 fps @ 1080p Full HD
- 30x Zoom Lens
- 150M IR with Smart IR II (Vari-Angle IR)
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP66, Vandal-proof IK10 and NEMA 4X-rated Housing
- -50°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions (AC 24V/ PoH)
- Smart Stream II to Optimize Bandwidth Efficiency
- EIS (Electronic Image Stabilization) to Control Image Stability
- Power Redundant Supported



Without Smart IR II



With Smart IR II















Technical Specifications

Model	SD9364-EHL-v2	Maximum Streams	4 video streams (Up to 9 configurable profiles)
System Information		S/N Ratio	54 dB
CPU	Multimedia SoC (System-on-Chip)	Dynamic Range	110 dB
Flash	128 MB	Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream II
RAM	512 MB	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, HLC
Camera Features		Audio	
Image Sensor	1/3" Progressive CMOS	Audio Capability	Two-way Audio (full duplex)
Max. Resolution	1920x1080	Compression	G.711, G.726
Lens Type	30x Optical Zoom, Auto Focus	Interface	External microphone input External line output
Focal Length	f = 4.3 ~ 129 mm (30x zoom)	Network	
Aperture	F1.6 ~ F4.7	Users	Live viewing for up to 10 clients
Iris type	DC-iris	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
Field of View	59° ~ 2° (Horizontal) 45° ~ 2° (Vertical) 71° ~ 3° (Diagonal)	Protocols	802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMPv3, IPv4, IPv6, NTCIP, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP
Shutter Time	1/8 sec. to 1/30,000 sec.	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.
WDR Technology	WDR Pro	ONVIF	Profile G, S, T supported, specification available at www.onvif.org
Illuminators	Built-in 850nm IR Illuminators up to 150 meters with Smart IR II, IR LED*2	Solution Integration	
Minimum Illumination	0.42 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W) 0 Lux with IR illumination on	Video Motion Detection	Five-window video motion detection
Day/Night	Removable IR-cut filter for day & night function	Auto-Tracking	Auto-tracking on moving object
Pan Speed	0.1° ~ 300° / sec.	VADP Package	Trend Micro (3-year free trial), Stratocast
Pan Range	360° endless	Alarm and Event	
Tilt Speed	0.1° ~ 300° / sec.	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
Tilt Range	220° (-110° ~ +110°)	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
Preset Locations	256 preset locations 128 presets per tour		
Pan/Tilt/Zoom Functionalities	128x digital zoom (4x on IE plug-in, 32x built-in), Auto pan mode, Auto patrol mode		
IR Illuminators	Built-in IR Illuminators up to 150 meters with Smart IR II, IR LED*2		
Storage	Seamless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS)		
Video			
Compression	H.265, H.264, MJPEG		
Maximum Frame Rate	H.265 & H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080		

Technical Specifications

General		Humidity	98% RH (non-condensing)
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	Warranty	36 months
LED Indicator	System power and status indicator	System Requirements	
Power Input	AC 24V, DC 24V, PoH/PoE (95W) (Simultaneous Power Redundancy Supported)	Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Power Consumption	AC/DC 24V: Max. 63 W (Heater on) Max. 45 W (Heater off) PoH/PoE (95W): Max. 70 W (Heater on) Max. 51 W (Heater off)	Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Dimensions	237 x 364 mm	Other Players	VLC: 1.1.11 or above
Weight	7.1 kg (with bracket) 5.7 kg (without bracket)	Included Accessories	
Certifications	EMC: CE, LVD, FCC Class A, VCCI; Safety: UL; Environment: IK10, IP68, NEMA 4X	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	
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)	Dimensions	

Compatible Accessories

Mounting Kits		Others		
 AM-220 Wall Mount Bracket	 AM-529 Mounting Adapter	 AJ-001 USB Joystick	 AJ-002 USB Joystick	 AO-007 I/O Combo Cable
Cabinet				
 AT-CAS-001 Cabinet for Speed Dome	 AT-CAB-002 Cabinet for HLG Power Supply	 AT-SUN-002 Sunshield	 AT-SWH-000 Power Safety Kit	
Power Adapter				
24VAC	24VDC	95W PoH/PoE		
 AA-352 Outdoor Power Box, 24VAC/144W, IP67, IK10	 HLG-120H-24 Industrial 24VDC/120W Power Supply, IP67	 AP-GIC-011A-095 1xGE 95W PoH/PoE Injector with Surge Protection 12KV	 AP-GIC-015B-095 Outdoor 1xGE 95W PoH/PoE Injector with Surge Protection 12KV, IP67, IK10	