





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
- \cdot -50°C \sim 55°C Wide Temperature Range for Extreme Weather Conditions (AC 24V/ PoH)
- \cdot Smart Stream II to Optimize Bandwidth Efficiency
- · EIS (Electronic Image Stabilization) to Control Image Stability
- · Power Redundant Supported



Without Smart IR II



Technical Specifications

Model	SD9364-EHL-v2	Maximum Streams	4 video streams (Up to 9 configurable profiiles)	
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;	
RAM	512 MB	Video siredining	Smart Stream II	
Camera Features			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	
Image Sensor	1/3" Progressive CMOS	Image Settings		
Max. Resolution	1920x1080			
Lens Type	30x Optical Zoom, Auto Focus	Audio		
Focal Length	$f = 4.3 \sim 129 \text{ mm (30x zoom)}$	Audio Capability	Two-way Audio (full deuplex)	
Aperture	F1.6 ~ F4.7	Compression	G.711, G.726	
Iris type	DC-iris		External microphone input	
5.11.60	59° ~ 2° (Horizontal) 45° ~ 2° (Vertical) 71° ~ 3° (Diagonal)	Interface	External line output	
Field of View		Network		
Shutter Time	1/8 sec. to 1/30,000 sec.	Users	Live viewing for up to 10 clients	
WDR Technology	WDR Pro		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	
Illuminators	Built-in 850nm IR Illuminators up to 150 meters with Smart IR II, IR LED*2	Security		
Minimum Illumination	0.42 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W) 0 Lux with IR illumination on	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	
Day/Night	Removable IR-cut filter for day & night function	TTOTOCOIS		
Pan Speed	0.1° ~ 300° / 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.	
Pan Range	360° endless	inieriace		
Tilt Speed	0.1° ~ 300° / sec.	ONVIF	Profile G, S, T supported, specification available at www.onvif.org	
Tilt Range	220° (-110° ~ +110°)	Solution Integration		
Preset Locations	256 preset locations 128 presets per tour	Video Motion Detection	Five-window video motion detection	
Pan/Tilt/Zoom Functionalities	128x digital zoom (4x on IE plug-in, 32x built- in), Auto pan mode, Auto patrol mode	Auto-Tracking	Auto-tracking on moving object	
IR Illuminators	Built-in IR Illuminators up to 150 meters with	VADP Package	Trend Micro (3-year free trial), Stratocast	
in morring laters	Smart IR II, IR LED*2	Alarm and Event		
Storage	Seamless Recording to MicroSD/SDHC/ SDXC card and recording to network- attached storage (NAS)	Event Tricages	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	
Video		Event Trigger		
Compression	H265, H264, MJPEG			
Maximum Frame Rate	H.265 & H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080	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	

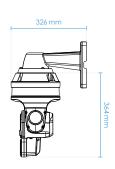
Technical Specifications

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			
LED Indicator	System power and status indicator			
Power Input	AC 24V, DC 24V, PoH/PoE (95W) (Simultaneous Power Redundancy Supported)			
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)			
Dimensions	237 x 364 mm			
Weight	7.1 kg (with bracket) 5.7 kg (without bracket)			
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)			

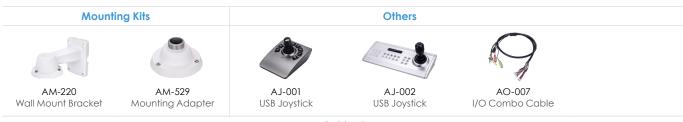
Humidity	98% RH (non-condensing)				
Warranty	36 months				
System Requirements					
Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)				
Web Browser	Chrome 58.0 or above Internet Explorer 10/11				
Other Players	VLC: 1.1.11 or above				
Included Accessories					
Packing Contents	Wall mount bracket, I/O cable, screws, waterproof connectors, terminal blocks, quick installation guide, alignment sticker, ground wire, T25 star driver, desiccant bags				



Dimensions



Compatible Accessories



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					
	and the same of th	O D					
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				

