



S series **SD9364-EH-v2** Speed Dome Network Camera

1080p 60fps • 30x Zoom • WDR Pro • 250M IR •
Smart IR II • IP66 • IK10 • NEMA 4X • -50°C ~ 55°C

The SD9364-EH-v2 is the latest professional IR speed dome camera from VIVOTEK, specifically designed to enhance low light surveillance in large coverage areas. Equipped with 250M IR illuminators and a 30x optical zoom lens, the SD9364-EH-v2 provides a superb low light image in the most challenging situations. The SD9364-EH-v2 also adopts VIVOTEK's Smart IR II technology, Vari-Angle IR. VIVOTEK's Vari-Angle IR provides smooth vari-angle adjustment of the IR illuminators, allowing broad coverage FOV and highly uniform IR intensity while avoiding hotspots traditionally associated with IR illumination.

The SD9364-EH-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, Vari-Angle IR, WDR, and 30x optical zoom, the SD9364-EH-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-EH-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-EH-v2 ideally suited to monitor wide open spaces such as ports, highways, cities, and parking lots where high-level precision is required.

As with all VIVOTEK true day/night cameras, the SD9364-EH-v2 features a removable IR-cut filter, maintaining clear images 24 hours a day. Audio detection is included by recognizing changes in ambient noise. The SD9364-EH-v2 also includes a MicroSD/SDHC/SDXC card slot and supports up to 60 fps in 1080P full HD. For the most demanding outdoor surveillance application, there is nothing that compares to the VIVOTEK SD9364-EH-v2.

* Depending on scene.

Key Features

- H.265 Compression technology
- 1080P Full HD CMOS Sensor
- 60 fps @ 1080p Full HD
- 30x Zoom Lens
- 250M IR with Smart IR II (Vari-Angle IR)
- 360° Continuous Pan and 220° Tilt
- Removable IR-cut Filter for Day & Night Function
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP66-rated, Vandal-proof IK10 and NEMA 4X-rated Housing
- -50°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- EIS (Electronic Image Stabilization) to Control Image Stability



Without Smart IR II



With Smart IR II

Technical Specifications

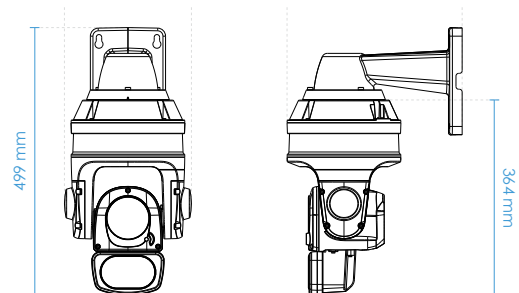
Model	SD9364-EH-v2	S/N Ratio	66 dB
System Information		Dynamic Range	130 dB
CPU	Multimedia SoC (System-on-Chip)	Video Streaming	Adjustable resolution, quality and constant bit rate control, Smart Stream II
Flash	128 MB	Image Settings	Time stamp, text overlay, flip and mirror, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24), scheduled profile settings, defog, 3DNR, EIS, HLC
RAM	512 MB	Audio	
Camera Features		Audio Capability	Two-way Audio (full duplex)
Image Sensor	1/2.8" Progressive CMOS	Compression	G.711, G.726
Max. Resolution	1920x1080 (2MP)	Interface	External microphone input External line output
Lens Type	30x Optical Zoom, Auto Focus	Network	
Focal Length	f = 4.3 ~ 129 mm (30x zoom)	Users	Live viewing for up to 10 clients
Aperture	F1.6 ~ F4.7	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
Iris Type	DC-iris	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
Field of View	64° ~ 2.3° (Horizontal) 36° ~ 1.3° (Vertical) 73° ~ 2.6° (Diagonal)	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.
Shutter Time	1 sec. to 10,000 sec.	ONVIF	Profile G, S, T supported, specification available at www.onvif.org
WDR Technology	WDR Pro	Solution Integration	
Day/Night	Yes	Video Motion Detection	Five-window video motion detection
Removable IR-cut Filter	Yes	Auto-Tracking	Auto-tracking on moving object
Illuminators	Built-in 850nm IR Illuminators up to 250 meters with Smart IR II, IR LED*2	VADP Package	Trend Micro (3-year free trial), Stratocast
Minimum Illumination	0.195 lux @ F1.6 (Color) 0.01 lux @ F1.6 (B/W) 0 lux with IR illumination on	Alarm and Event	
Pan 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
Pan Range	360° endless		
Tilt Speed	0.1° ~ 300° / sec.		
Tilt Range	220° (-110° ~ +110°)		
Preset Locations	256 preset locations 128 presets per tour		
Pan/Tilt/Zoom Functionalities	48x digital zoom (4x on IE plug-in, 12x built-in), Auto pan mode, Auto patrol mode		
Storage	Seamless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS)		
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)		

Technical Specifications

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
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



Compatible Accessories

Mounting Kits		Others		
 AM-220 Wall Mount Bracket (standard package)	 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				
24VDC		24VAC		
 HLG-120H-24 Industrial 24VDC/120W Power Supply, IP67		 AA-352 Outdoor Power Box, 24VAC/144W, IP67, IK10		

Compatible Accessories

95W PoH/PoE



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