



S SD9364-EH-v2

series

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

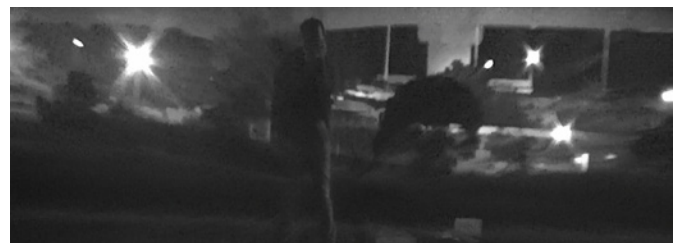
camera performance with an IP66- and NEMA 4X-rated housing to protect the camera against rain, dust, and corrosion. The SD9364-EH-v2 has a wide operating temperature range from -50°C to 55°C, ensuring continuous operation under the most extreme weather conditions and hazardous environments. This makes 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	128MB	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	512MB	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	Protocols	802.1X, ARP, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTCIP, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
Iris Type	DC-iris	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.
Field of View	2.3° ~ 64° (Horizontal) 1.3° ~ 36° (Vertical) 2.6° ~ 73° (Diagonal)	ONVIF	Supported, specification available at www.onvif.org
Shutter Time	1 sec. to 10,000 sec.	Intelligent Video	
WDR Technology	WDR Pro	Video Motion Detection	Five-window video motion detection
Day/Night	Yes	Auto-Tracking	Auto-tracking on moving object
Removable IR-cut Filter	Yes	VADP Package	Genetec package, Amazon Kinesis Video Streams
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.	Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, audio detection, SD card life expectancy, camera tampering detection
Pan Range	360° endless	Alarm Events	Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card
Tilt Speed	0.1° ~ 300° / sec.	General	
Tilt Range	220° (-110° ~ +110°)	Connectors	RJ-45 cable connector for Network 10/100Mbps PoE connection*1 Audio input*1 Audio output*1 AC/DC 24V power input*1 Digital input*4 Digital output*2 RS-485 for PTZ control (PelcoD protocol, Baud rate 2400)*1
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		
IR Illuminators	Built-in IR Illuminators up to 250 meters with Smart IR II, IR LED*2		
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording		
Video			
Compression	H265, H264, MJPEG		
Maximum Frame Rate	H.265 & H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080		
Maximum Streams	4 simultaneous streams		

Technical Specifications

LED Indicator	System power and status indicator
Power Input	PoH/PoE (95W) AC/DC 24V
Power Consumption	PoH/PoE (95W): Max. 70 W (Heater on, IR on) Max. 51 W (Heater off, IR on) AC/DC 24V: Max. 63 W (Heater on, IR on) Max. 45 W (Heater off, IR on)
Dimensions	237 x 364 mm
Weight	7.1 kg (with bracket) 5.7 kg (without bracket)
Casing	IP66, IK10, NEMA 4X
Safety Certifications	CE, FCC Class A, VCCI, C-Tick, UL
Operating Temperature	Starting Temperature: -40°C ~ 55°C (-40°F ~ 131°F) Working Temperature: -40°C ~ 55°C (-40°F ~ 131°F), DC 24V power input -50°C ~ 55°C (-58°F ~ 131°F), AC 24V/PoH (95W) power input
Humidity	98%
Warranty	36 months
System Requirements	
Operating System	Microsoft Windows 8/7 Mac 10.12 (Chrome only)

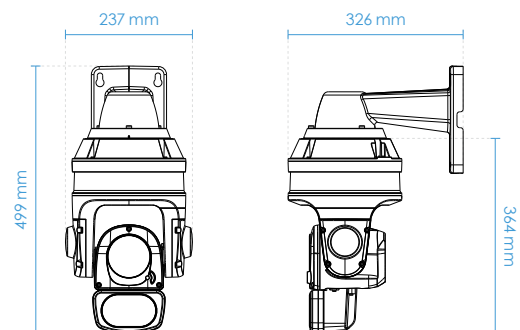
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above

Included Accessories














Others

Wall mount bracket, I/O cable, screws, waterproof connectors, terminal blocks, quick installation guide, warranty card, alignment sticker, ground wire, T25 star driver, desiccant bags

Dimensions



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	
PoE Kit/Power Adapter				
24VDC	24VAC			
 HLG-120H-24 Industrial 24VDC/120W Power Supply, IP67	 AA-351 Outdoor Power Box, 24VAC/144W, IP67, IK10	 AA-352 Outdoor Power Box, 24VAC/144W, IP67, IK10		

Compatible Accessories

95W PoH/PoE



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



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