



SD9374-EHL

Speed Dome Network Camera



4MP 30fps • 36x Zoom • 250M IR • IP66 • IK10 •
NEMA 4X • -40°C ~ 55°C

The SD9374-EHL is VIVOTEK's latest professional IR speed dome camera with 4MP resolution, specifically designed to enhance video surveillance in large coverage areas. Equipped with 250M IR illuminators and a 36x optical zoom lens, the SD9374-EHL provides a crystal clear image with 2560x1440 pixels in the most challenging situations. The SD9374-EHL 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 SD9374-EHL utilizes H.265 compression technology. When combined with VIVOTEK's Smart Stream III technology, users can obtain ultra low bandwidth while maintaining high image quality compared to H.264 compression. By combining 4MP resolution with H.265, IR illuminators, Vari-Angle IR, WDR, and 36x optical zoom, the SD9374-EHL is able to capture fine details at top-notch quality, 24 hours a day, 7 days a week. VIVOTEK further

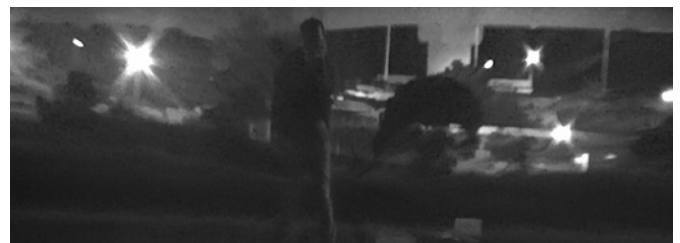
strengthens the camera performance with an IP66- and NEMA 4X-rated housing to protect the camera against rain, dust, and corrosion. The SD9374-EHL has a wide operating temperature range from -40°C to 55°C, ensuring continuous operation under the most extreme weather conditions and hazardous environments. This makes the SD9374-EHL ideally suited to monitor wide open spaces such as ports, highways, city surveillance, and parking lots where high-level precision is required.

As with all VIVOTEK true day/night cameras, the SD9374-EHL features a removable IR-cut filter, maintaining clear images 24 hours a day. Audio detection is included by recognizing changes in ambient noise. The SD9374-EHL also includes a MicroSD/SDHC/SDXC card slot and supports up to 30 fps in 4MP. For the most demanding outdoor surveillance application, there is nothing that compares to the VIVOTEK SD9374-EHL.

* Depending on scene.

Key Features

- H.265 Compression technology
- 30 fps @ 2560x1440
- 36x Optical Zoom, Auto Focus
- 360° Continuous Pan and 220° Tilt
- 250M IR with Smart IR II (Vari-Angle IR)
- Removable IR-cut Filter for Day & Night Function
- Weather-proof IP66-rated, Vandal-proof IK10 and NEMA 4X-rated Housing
- -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- EIS (Electronic Image Stabilization) to Control Image Stability
- Trend Micro IoT Security



Without Smart IR II



With Smart IR II

Technical Specifications

Model	SD9374-EHL
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	1GB
Camera Features	
Image Sensor	1/2" Progressive CMOS
Max. Resolution	2560x1440
Lens Type	36x Optical Zoom, Auto Focus
Focal Length	f = 6 ~ 216 mm (36x zoom)
Aperture	F1.5 ~ F4.8
Iris type	DC-iris
Field of View	1.85° ~ 49.27° (Horizontal) 1.04° ~ 28.93° (Vertical) 2.13° ~ 55.5° (Diagonal)
Shutter Time	1 sec. to 1/30,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut Filter	Yes
IR Illuminators	Built-in IR Illuminators up to 250 meters with Smart IR II, IR LED*2
Minimum Illumination	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on
Pan Speed	0.1° ~ 300° / sec.
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	128x digital zoom (4x on IE plug-in, 32x built-in), Auto pan mode, Auto patrol mode
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording
Video	
Compression	H265, H264, MJPEG
Maximum Frame Rate	30 fps @ 2560x1440
Maximum Streams	4 simultaneous streams
S/N Ratio	66 dB

Dynamic Range	120 dB
Video Streaming	Adjustable resolution, quality and bitrate, Smart Stream III
Image Settings	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
Audio	
Audio Capability	Two-way audio (full duplex)
Compression	G.711, G.726
Interface	External microphone input External line output
Network	
Users	Live viewing for up to 10 clients
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
Interface	10 Base-T/100 BaseTX/1000 BaseTX Ethernet (RJ45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Supported, specification available at www.onvif.org
Intelligent Video	
Video Motion Detection	Five-window video motion detection
Auto-Tracking	Auto-tracking on moving object
VADP Package	Trend Micro IoT Security
Alarm and Event	
Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, audio detection, SD card life expectancy, cybersecurity events (brute force attack event, cyberattack event, quarantine event)
Alarm Events	Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card
General	
Connectors	RJ-45 cable connector for 10/100/1000Mbps Network 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

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)
Humidity	98%
Warranty	36 months
System Requirements	
Operating System	Microsoft Windows 8/7 Mac 10.12 (Chrome only)

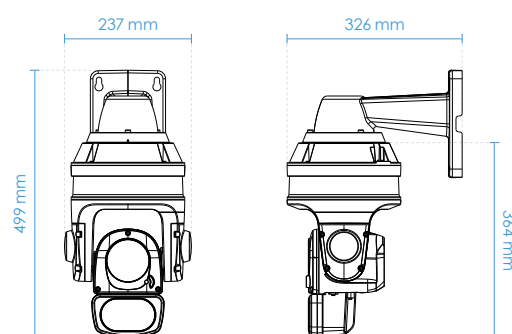
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above

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
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