





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 topnotch 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
- \cdot 36x Optical Zoom, Auto Focus
- \cdot 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
- \cdot -40°C \sim 55°C Wide Temperature Range for Extreme Weather Conditions
- \cdot EIS (Electronic Image Stabilization) to Control Image Stability
- · Trend Micro IoT Security



Without Smart IR II



Technical Specifications

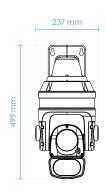
Model	SD9374-EHL	Dynamic Range	120 dB
System Information		Video Streaming	Adjustable resolution, quality and bitrate, Smart Stream III
CPU	Multimedia SoC (System-on-Chip)		Time stamp, text overlay, flip & mirror, configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (up to 24), scheduled profile settings, defog, 3DNR, EIS,
Flash	128MB	Image Settings	
RAM	1GB	mage comings	
Camera Features			HLC
Image Sensor	1/2" Progressive CMOS	Audio	
Max. Resolution	2560x1440	Audio Capability	Two-way audio (full duplex)
Lens Type	36x Optical Zoom, Auto Focus	Compression	G.711, G.726
Focal Length	f = 6 ~ 216 mm (36x zoom)	Interface	External microphone input External line output
Aperture	F1.5 ~ F4.8	Network	
Iris type	DC-iris	Users	Live viewing for up to 10 clients
Field of View	1.85° ~ 49.27° (Horizontal) 1.04° ~ 28.93° (Vertical) 2.13° ~ 55.5° (Diagonal)	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
Shutter Time	1 sec. to 1/30,000 sec.		10 Base-T/100 BaseTX/1000 BaseTX Ethernet
WDR Technology	WDR Pro	Interface	(RJ45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
Day/Night	Yes		
Removable IR-cut Filter	Yes	ONVIF	Supported, specification available at www.onvif.org
IR Illuminators	Built-in IR Illuminators up to 250 meters with Smart IR II, IR LED*2	Intelligent Video	
Minimum Illumination	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on	Video Motion Detection	Five-window video motion detection
	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on	Auto-Tracking	Auto-tracking on moving object
Pan Speed	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec.		
Pan Speed Pan Range	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless	Auto-Tracking	Auto-tracking on moving object
Pan Speed Pan Range Tilt Speed	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless 0.1° ~ 300° / sec.	Auto-Tracking VADP Package	Auto-tracking on moving object Trend Micro IoT Security Motion detection, manual trigger, digital input, periodical trigger, system boot,
Pan Speed Pan Range	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless	Auto-Tracking VADP Package	Auto-tracking on moving object Trend Micro IoT Security Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, audio detection, SD card life expectancy, cybersecurity events
Pan Speed Pan Range Tilt Speed	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless 0.1° ~ 300° / sec.	Auto-Tracking VADP Package Alarm and Event	Auto-tracking on moving object Trend Micro IoT Security 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)
Pan Speed Pan Range Tilt Speed Tilt Range	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless 0.1° ~ 300° / sec. 220° (-110° ~ +110°)	Auto-Tracking VADP Package Alarm and Event	Auto-tracking on moving object Trend Micro IoT Security 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
Pan Speed Pan Range Tilt Speed Tilt Range Preset Locations Pan/Tilt/Zoom	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless 0.1° ~ 300° / sec. 220° (-110° ~ +110°) 256 preset locations 128 presets per tour	Auto-Tracking VADP Package Alarm and Event Alarm Triggers	Auto-tracking on moving object Trend Micro IoT Security 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) Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server,
Pan Speed Pan Range Tilt Speed Tilt Range Preset Locations Pan/Tilt/Zoom Functionalities	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless 0.1° ~ 300° / sec. 220° (-110° ~ +110°) 256 preset locations 128 presets per tour 128x digital zoom (4x on IE plug-in, 32x built-in), Auto pan mode, Auto patrol mode Slot type: MicroSD/SDHC/SDXC card slot	Auto-Tracking VADP Package Alarm and Event Alarm Triggers Alarm Events	Auto-tracking on moving object Trend Micro IoT Security 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) Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card
Pan Speed Pan Range Tilt Speed Tilt Range Preset Locations Pan/Tilt/Zoom Functionalities On-board Storage	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless 0.1° ~ 300° / sec. 220° (-110° ~ +110°) 256 preset locations 128 presets per tour 128x digital zoom (4x on IE plug-in, 32x built-in), Auto pan mode, Auto patrol mode Slot type: MicroSD/SDHC/SDXC card slot	Auto-Tracking VADP Package Alarm and Event Alarm Triggers Alarm Events	Auto-tracking on moving object Trend Micro IoT Security 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) Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card RJ-45 cable connector for 10/100/1000Mbps Network PoE connection*1 Audio input*1
Pan Speed Pan Range Tilt Speed Tilt Range Preset Locations Pan/Tilt/Zoom Functionalities On-board Storage Video	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless 0.1° ~ 300° / sec. 220° (-110° ~ +110°) 256 preset locations 128 presets per tour 128x digital zoom (4x on IE plug-in, 32x built-in), Auto pan mode, Auto patrol mode Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	Auto-Tracking VADP Package Alarm and Event Alarm Triggers Alarm Events	Auto-tracking on moving object Trend Micro IoT Security 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) Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card RJ-45 cable connector for 10/100/1000Mbps Network PoE connection*1 Audio input*1 Audio output*1 AC/DC 24V power input*1
Pan Speed Pan Range Tilt Speed Tilt Range Preset Locations Pan/Tilt/Zoom Functionalities On-board Storage Video Compression	0.19 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on 0.1° ~ 300° / sec. 360° endless 0.1° ~ 300° / sec. 220° (-110° ~ +110°) 256 preset locations 128 presets per tour 128x digital zoom (4x on IE plug-in, 32x built-in), Auto pan mode, Auto patrol mode Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording H265, H264, MJPEG	Auto-Tracking VADP Package Alarm and Event Alarm Triggers Alarm Events General	Auto-tracking on moving object Trend Micro IoT Security 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) Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card RJ-45 cable connector for 10/100/1000/Mbps Network PoE connection*1 Audio input*1 Audio output*1

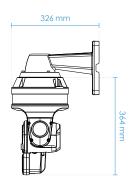
Technical Specifications

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: $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$ (- $40^{\circ}\text{F} \sim 131^{\circ}\text{F}$) Working Temperature: $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$ (- $40^{\circ}\text{F} \sim 131^{\circ}\text{F}$)			
Humidity	98%			
Warranty	36 months			
System Requirements				
Operating System	Microsoft Windows 8/7 Mac 10.12 (Chrome only)			

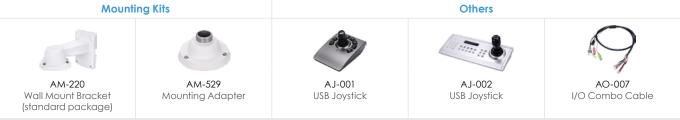
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Included Accessories	
Others	Wall mount bracket, I/O cable, screws, waterproof connectors, terminal blocks, quick installation guide, warranty card, alignment sticker, ground wire, T25 stardriver, 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





PoE Kit/Power Adapter

rot kit/rower 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

