





1080p HD \cdot 30x Zoom \cdot 150M IR \cdot NEMA 4X \cdot IP67 \cdot IK10 \cdot Defog \cdot -50°C \sim 55°C \cdot EIS \cdot GbE Port

The SD9364-EHL is the latest professional speed dome camera from VIVOTEK, specifically designed to enhance low light surveillance in large coverage areas. Equipped with 150 M IR illuminators and a 30x optical zoom lens, the SD9364-EHL provides a superb low light image in the most challenging situations. The SD9364-EHL also adopts VIVOTEK's latest IR technology, VAIR (Vari-Angle IR). VIVOTEK's VAIR provides smooth variangle 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 is the first 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, VAIR, WDR, and 30x optical zoom, the SD9364-EHL 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 IP67- and NEMA 4X-rated housing to protect the camera against rain, dust, and corrosion. The SD9364-EHL 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 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-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 SD9364-EHL also includes a SD/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-EHL.



Without VAIR With VAIR

Key Features

- · Real-time H.265, H.264 and MJPEG Compression (Triple Codec)
- · 1080p HD CMOS Sensor
- · 60 fps @ 1080p Full HD
- · 30x Zoom Lens, 150 M IR
- · VAIR (Vari-Angle IR)
- · Removable IR-cut Filter for Day & Night Function
- \cdot 360° Continuous Pan and 220° Tilt
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP67-rated, Vandal-proof IK10 and NEMA 4X-rated Housing
- · -50°C ~ 55°C Wide Temperature Range for Extreme Weather
- · Audio Detection for Instant Alerts
- · Auto Tracking for Moving Objects
- · Smart Stream II to Optimize Bandwidth Efficiency
- · 3D Privacy Masks for Additional Protection
- · Built-in SD/SDHC/SDXC Card Slot for On-board Storage
- · Defog
- · EIS



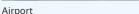
Campus



Station

Port



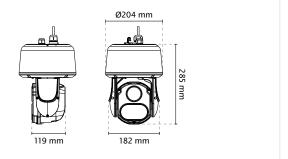


Technical Specifications

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Model	SD9364-EHL
System Information	
СРИ	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	512MB
Camera Features	
Image Sensor	1/3" Progressive CMOS
Maximum Resolution	1920×1080 (2MP)
Lens Type	30x Optical Zoom, Auto Focus
Focal Length	f = 4.3~129 mm (30x zoom)
Aperture	F1.6 ~ F4.7
Auto-iris	DC-iris
Field of View	2.3° ~ 64° (Horizontal) 1.3° ~ 36° (Vertical) 2.6° ~ 73° (Diagonal)
Shutter Time	1/8 sec to 1/30,000 sec
WDR Technology	WDR Pro
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.42Lux @ F1.6 (Color) 0.001Lux @ F1.6 (B/W)
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
IR Illuminators	150 m
On-board Storage	Slot type: SD/SDHC/SDXC card slot Seamless Recording
Video	
Compression	H265, H264, MJPEG
Maximum Frame Rate	60 fps @ 1920x1080 In all compression mode
Maximum Streams	4 simultaneous streams
S/N Ratio	53.64 dB
Dynamic Range	110 dB
Video Streaming	Adjustable resolution, quality and bitrate Smart Stream II
Image Settings	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
Audio	
Audio Capability	Audio input/output (full duplex)
Compression	G.711, G.726
Interface	External microphone input External line output
Network	
Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/ RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP,ARP, SSL, TLS, NTCIP

Interface	10 Base-T/100 Base-TX/1000 Base-T Ethernet (RJ-45) *It is highly recommended to use standard CATSe & 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
Alarm and Event	
Alarm Triggers	Manual trigger, periodical trigger, system boot, recording notification, audio detection, motion detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
General	
Connectors	RJ-45 cable connector for 10/100/1000Mpbs Network/PoE connection Audio input Audio output DC 48V power input Digital input*4 Digital output*2 RS-485 for PTZ control (PelcoD protocol, Baud rate 2400)
LED Indicator	System power and status indicator
Power Input	95W PoH/PoE DC 48V AC 24V (Optional)
Power Consumption	Max. 87 W (Heater on) Max. 39 W (Heater off)
Dimensions	Ø: 204 mm x 317.6 mm
Weight	Net: 6030 g
Casing	Weather-proof IP67, Vandal-proof IK10 and NEMA 4X-rated housing
Safety Certifications	CE, FCC Class A, VCCI, C-tick, NEMA 4X, UL
Operating Temperature	-50°C ~ 55°C (-58°F ~ 131°F)
Humidity	90%
Warranty	36 months
System Requirements	
Operating System	Microsoft Windows 8/7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Included Accessories	
CD	User's manual, quick installation guide, Installation Wizard 2, VAST 32-CH software
Others	Wall mount bracket, screws, waterproof connectors, terminal blocks, quick installation guide, warranty card, alignment sticker, ground wire, T25 stardriver, software CD, desiccant bags, AM-220 wall mount bracket, AO-003 I/O cable

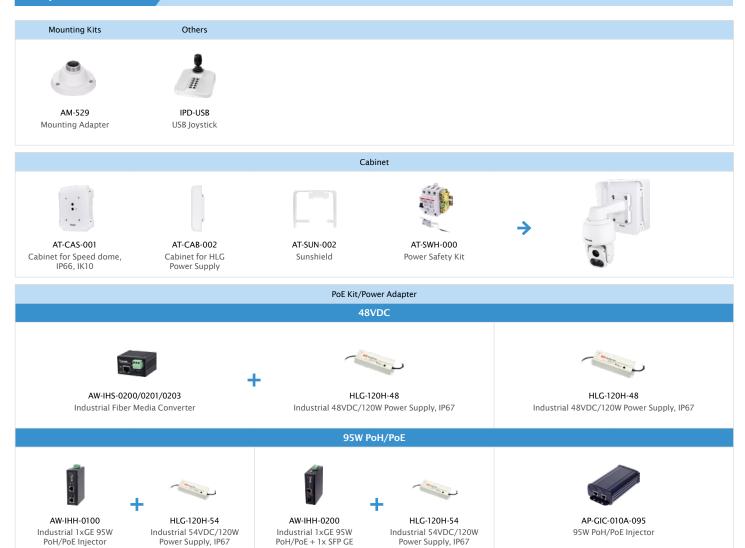
Dimensions





Compatible Accessories

PoH/PoE Injector



Switch