



S SD9365-EHL Speed Dome Network Camera

1080p 60 fps • 20x Zoom • 150M IR • IP66 • IK10 •
NEMA 4X • -40°C ~ 55°C • Wiper

The SD9365-EHL is the latest professional speed dome camera with wiper from VIVOTEK, specifically designed to enhance low light surveillance in large coverage areas. Equipped with 150 M IR illuminators and a 20x optical zoom lens, the SD9365-EHL provides a superb low light image in the most challenging situations. The SD9365-EHL also adopts VIVOTEK's latest IR technology, VAIR (Vari-Angle IR). VIVOTEK's VAIR provides smooth vari-angle adjustment of the IR illuminators, allowing broad coverage FOV and highly uniform IR intensity while avoiding hot-spots traditionally associated with IR illumination.

The SD9365-EHL 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,

VAIR, WDR, and 20x optical zoom, the SD9365-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 IP66- and NEMA 4X-rated housing to protect the camera against rain, dust, and corrosion. The SD9365-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 SD9365-EHL ideally suited to monitor wide open spaces such as ports, highways, cities, and parking lots where high-level precision is required.

* Depending on scene.

Key Features

- Real-time H.265, H.264 and MJPEG Compression (Triple Codec)
- 60 fps @ 1080p Full HD
- 20x Zoom Lens
- 150M IR with VAIR (Vari-Angle IR)
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP66, Vandal-proof IK10 and NEMA 4X-rated Housing
- -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- Smart Stream II to Optimize Bandwidth Efficiency
- EIS
- Easy Cleaning with Built-in Wiper



Without VAIR



With VAIR

Technical Specifications

| | | | |
|-------------------------------|---|------------------------|--|
| Model | SD9365-EHL | | |
| System Information | | 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, HLC |
| CPU | Multimedia SoC (System-on-Chip) | Audio | |
| Flash | 128MB | Audio Capability | Two-way Audio |
| RAM | 512MB | Compression | G.711, G.726 |
| Camera Features | | Interface | External microphone input External line output |
| Image Sensor | 1/3" Progressive CMOS | Network | |
| Max. Resolution | 1920x1080 | Users | Live viewing for up to 10 clients |
| Lens Type | 20x Optical Zoom, Auto Focus | 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, TLS, NTCIP |
| Focal Length | f = 4.7 ~ 94 mm (20x zoom) | 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. |
| Aperture | F1.6 ~ F3.5 | ONVIF | Supported, specification available at www.onvif.org |
| Iris type | DC-Iris | Intelligent Video | |
| Field of View | 3° ~ 55° (Horizontal) 2° ~ 33° (Vertical) 3° ~ 63° (Diagonal) | Video Motion Detection | Five-window video motion detection |
| Shutter Time | 1/8 sec. to 1/30,000 sec. | Auto-Tracking | Auto-tracking on moving object |
| WDR Technology | WDR Pro | Alarm and Event | |
| Day/Night | Yes | Alarm Triggers | Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection |
| Removable IR-cut filter | Yes | Alarm Events | Event notification using digital output, HTTP, SMTP, FTP, NAS server and Micro SD card File upload via HTTP, SMTP, FTP, NAS server and Micro SD card |
| IR Illuminators | Built-in IR Illuminators up to 150 meters with VAIR IR LED*2 | General | |
| Minimum Illumination | 0.26 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W) 0 Lux with IR illumination on | Connectors | RJ-45 cable connector for Network 10/100 Mbps 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 |
| Pan Speed | 0.1° ~ 300° / sec | LED Indicator | System power and status indicator |
| Pan Range | 360° endless | Power Input | PoH/PoE (95W) AC/DC 24V |
| Tilt Speed | 0.1° ~ 300° / sec | Power Consumption | PoH/PoE (95W): Max. 70 W (Heater on) Max. 39 W (Heater off) AC/DC 24V: Max. 96 W (Heater on) Max. 45 W (Heater off) |
| Tilt Range | 220° (-110° ~ +110°) | Dimensions | 236.45 x 364.2 mm |
| Preset Locations | 256 preset locations 128 presets per tour | Weight | 5,700 g |
| 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: Micro SD/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 | | |
| S/N Ratio | 53 dB | | |
| Dynamic Range | 110 dB | | |
| Video Streaming | Adjustable resolution, quality and bitrate Smart Stream II | | |

Technical Specifications

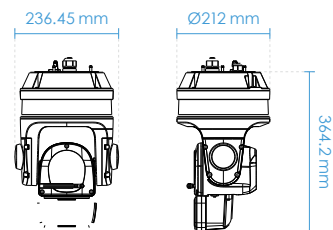
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|-----------------------|---|--------|---|
| Casing | IP66, IK10, NEMA 4X | CD | User's manual, quick installation guide, Shepherd, VAST |
| Safety Certifications | CE, FCC Class A, VCCI, C-tick, NEMA 4X, UL | | |
| Operating Temperature | Starting Temperature: -40°C ~ 55°C (-40°F ~ 131°F) Working Temperature: -40°C ~ 55°C (-40°F ~ 131°F) | Others | Wall mount bracket, screws, waterproof connectors, terminal blocks, quick installation guide, warranty card, alignment sticker, ground wire, T25 stardriver, software CD, desiccant bags, I/O cable |
| Humidity | 90% | | |
| Warranty | 36 months | | |

System Requirements
















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| Operating System | Microsoft Windows 8/7 |
| Web Browser | Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11 |
| Other Players | VLC: 1.1.11 or above Quicktime: 7 or above |

Included Accessories

Dimensions



Compatible Accessories

| Mounting Kits | | Others | |
|---|---|---|---|
|  | AM-529 Mounting Adapter |  | AJ-001 USB Joystick |
| | |  | AJ-002 USB Joystick |
| 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 | | | |
| 24VAC | | | |
|  | AA-351 Outdoor Power Box, 24VAC/144W, IP67, IK10 |  | AA-352 Outdoor Power Box, 24VAC/144W, IP67, IK10 |
| 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-010A-095 95W PoH/PoE Injector |