VIVOTEK

S series | SD9365-EHL Kit

H.265 IR PTZ Dome & Outdoor PoE Injector

1080p 60 fps • 20x Zoom • 150M IR • IP66 • IK10 • NEMA 4X • -50°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 -50°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.

VIVOTEK's SD9365-EHL is now available in a bundle kit that includes outdoor PoE injector AP-GIC-015B-095, a 95W outdoor-ready unit designed with a weatherproof IP67 and vandal-proof IK10 rated housing. This outdoor bundle helps users to reduce installation time and hardware costs.

* 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
· -50°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions (AC 24V/ PoH)
· Smart Stream II to Optimize Bandwidth Efficiency
· EIS
· Easy Cleaning with Built-in Wiper

Without VAIR

With VAIR

Application

VAST

Data

AW-GEV-267A-370

SD9365-EHL Kit

Power Input
100V~240V
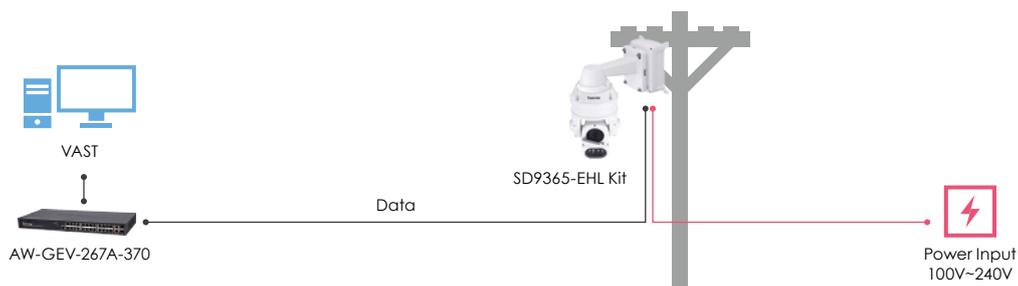
Ordering Information

Outdoor PoE Injector Solution	P/N.	IP Camera	Outdoor PoE injector
	199003000G	SD9365-EHL 20x, 1080P, IR Speed Dome, 150M IR, IP66, IK10	+ AP-GIC-015B-095 Outdoor 95W PoE injector with adapter, IP67, IK10

Technical Specifications

| Model	SD9365-EHL
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	512MB
Camera Features	
Image Sensor	1/3" Progressive CMOS
Max. Resolution	1920x1080
Lens Type	20x Optical Zoom, Auto Focus
Focal Length	f = 4.7 ~ 94 mm (20x zoom)
Aperture	F1.6 ~ F3.5
Iris type	DC-Iris
Field of View	3° ~ 55° (Horizontal) 2° ~ 33° (Vertical) 3° ~ 63° (Diagonal)
Shutter Time	1/8 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 150 meters with VAIR IR LED*2

Minimum Illumination	0.26 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (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: 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

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

Audio

Audio Capability	Two-way Audio
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, TLS, NTCIP
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.
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	Motion detection,manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
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

General

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
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) Max. 51 W (Heater off) AC/DC 24V: Max. 63 W (Heater on) Max. 45 W (Heater off)
Dimensions	236.45 x 364.2 mm
Weight	5,700 g
Casing	IP66, IK10, NEMA 4X
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), DC 24V power input -50°C ~ 55°C (-58°F ~ 131°F), AC 24V/ PoH(95W) power input *Wiper is functional at 10°C to 55°C (50°F to 131°F)
Humidity	98%
Warranty	36 months

System Requirements

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

|	
CD	User's manual, quick installation guide, Shepherd, VAST
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

Dimensions

236.45 mm   Ø212 mm   364.2 mm

Technical Specifications

Model	AP-GIC-015B-095

PoE Function

Max. PoE Output Power/ per Port	54VDC/95W
Power Pin Assignment	1/2(-), 3/6(+), 4/5(+), 7/8(-)
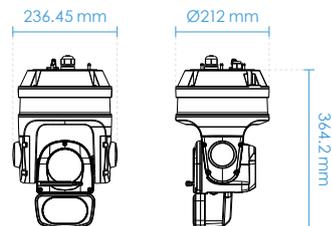
General

Power Input	100~240VAC / 50~60Hz
Power Consumption	100W
Surge Protection Data/ PoE port	12 KV

Technical Specifications

Surge Protection AC Power	10 KV
Waterproof	IP67
Vandal Proof	IK10
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)

Dimensions

90 mm   199.9 mm   255.2 mm
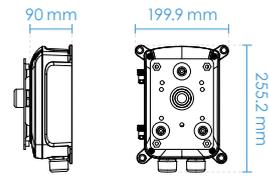
Compatible Accessories

Others

AJ-001
USB Joystick

AJ-002
USB Joystick