



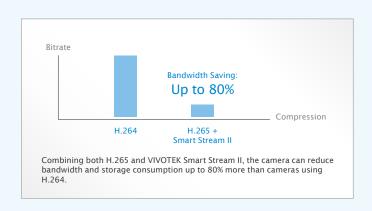


H.265 · 1080P Full HD · 20x Zoom · WDR Pro · Smart Stream II · NEMA 4X · IP68 · IK10 · -40°C ~ 55°C · EIS · Defog · 60W UP0E

VIVOTEK's SD9361-EHL is a high performance H.265 Full HD speed dome network camera. Armed with a 20x optical zoom lens, the camera is able to capture fine details at top-notch quality. By combining both H.265 and VIVOTEK's Smart Stream II technology which enables the camera to optimize quality for desired regions and therefore to maximize efficiency of bandwidth usage, it is capable of reducing both bandwidth and storage consumption by up to 80%* while maintaining the highest standard of image quality.

Offering extra smooth video quality with resolutions of up to 60 fps at 1920x1080, the SD9361-EHL is also equipped with WDR Pro, a True WDR, technology and IR-cut filter for seamless day/night operation. This enables the camera to cope effortlessly with the challenging lighting conditions faced in 24/7 surveillance. Further, the water-proof IP68-rated, vandal-proof IK10-rated and NEMA 4X-rated housing of the SD9361-EHL protects the camera body against rain, dust and corrosion and provides a wide operating-temperature range of between -40°C and 55°C. This combination of robustness and high performance ensures that the SD9361-EHL is especially suitable for monitoring wide, open, harsh indoor or outdoor spaces such as airports, highways and parking lots where high-level reliability and precision are called for.

* Depending on scene being monitored



Key Features

- · H.265 Compression Technology
- · 1080P Full HD CMOS Sensor
- · 60 fps @ 1920x1080
- · 20x Optical Zoom
- \cdot Removable IR-cut Filter for Day & Night Function
- · 360° Continuous Pan and 220° Tilt
- WDR Pro, a True WDR, for Unparalleled Visibility in High Contrast Environments
- · Smart Stream II to Optimize Bandwidth Efficiency
- Weather-proof IP68-rated, Vandal-proof IK10-rated and NEMA4X Housing
- \cdot -40°C \sim 55°C Wide Temperature Range for Extreme Weather Conditions
- · Audio Detection for Instant Alerts
- · Auto Tracking for Moving Objects
- $\cdot \ \, \text{Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage}$
- · Defog
- · EIS



Campus



City Surveillance



Station



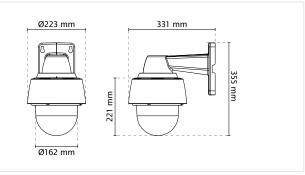
Extreme Weather

Technical Specifications

Model	SD9361-EHL
	3D3301-EUL
System Information	Multimadia CaC (Contago en Chia)
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	512MB
Camera Features	
Image Sensor	1/3" Progressive CMOS
Maximum Resolution	1920x1080 (2MP)
Lens Type	20x Optical Zoom, Auto Focus
Focal Length	f= 4.7 ~ 94 mm
Aperture	F1.6 ~ F3.5
Auto-iris	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, True WDR
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.26 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)
Pan Speed	0.05° ~ 450°/sec.
Pan Range	360° endless
Tilt Speed	0.05° ~ 450°/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	H.265, H.264, 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	True WDR, 110 dB
Video Streaming	Adjustable resolution, quality and constant bit rate control; Smart Stream II
lmage 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, EIS, 3DNR, defog, 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	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/ RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPP0E, CoS, QoS, SNMP, 802.1X, NTCIP, ICMP, ARP, SSL, TLS

Interface	10 Base-T/100 BaseTX 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, audio detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP, NAS server and SD Card File upload via HTTP, SMTP, FTP, NAS server and SD card
General	
Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 24V / AC 24V power input Digital input*4 Digital output*2 RS-485
LED Indicator	System power and status indicator
Power Input	DC 24V AC 24V 60W UPoE
Power Consumption	Max. 48/26 W (Heater on/off)
Dimensions	Ø 162 x 221 mm
Weight	2.95 kg
Casing	Weather-proof IP68-rated, Vandal-proof IK10-rated, and NEMA 4X-rated mated housing
Safety Certifications	CE, FCC Class A, VCCI, C-tick, UL, NEMA 4X
Operating Temperature	Starting Temperature: -40°C ~ 55°C (-40°F ~ 131°F) Working Temperature: -40°C ~ 55°C (-40°F ~ 131°F)
Humidity	0 ~ 90%
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, Installation Wizard 2, VAST
Others	Wall mount bracket, screws, waterproof connectors, quick installation guide, alignment sticker, L-wrench, software CD, desiccant bags, I/O combo cable

Dimensions





Compatible Accessories Mounting Kits Others AJ-002 AM-529 AJ-001 Mounting Adapter ${\sf USB\,Joystick}$ **USB** Joystick Cabinet AT-CAB-002 AT-SUN-002 AT-SWH-000 Cabinet for Speed dome, Cabinet for HLG Sunshield Power Safety Kit IP66, IK10 **Power Supply** PoE Kit/Power Adapter 24VDC AW-IHS-0200/0201/0203 HLG-80H-24 HLG-80H-24 Industrial Fiber Media Converter Industrial 24VDC/80W Power Supply, IP67 Industrial 24VDC/80W Power Supply, IP67 24VAC AA-341 AC 24V 3.5A Power Adapter **60W UPoE** AW-IHU-0100 HLG-80H-54 AW-IHU-0200 HLG-80H-54 AW-IHU-0600 HLG-240H-54 Industrial 4xGE 60W UPoE + 2xGE SFP Switch Industrial 1xGE 60W UPoE Industrial 54VDC/80W Industrial 1xGE 60W UPoE Industrial 54VDC/80W Industrial 54VDC/240W + 1x SFP GE Switch Power Supply, IP67 Injector Power Supply, IP67 Power Supply, IP67 AP-GIC-010A-060 1xGE 60W UPoE Injector

AW-GEU-080A-250 Unmanaged 2xGE 60W UPoE Switch