VIVOTEK

S series

IZ9361-EH
Zoom Lens Camera

H.265 · 1080P 60fps · 20x Zoom · 150M IR · WDR Pro · Smart Stream II · IP67 · EIS · Video Rotation

VIVOTEK IZ9361-EH is a H.265 outdoor-ready network camera with 150m IR illuminators and a 20x optical zoom lens, providing a superb low light image for the most challenging situations. By adopting VIVOTEK's latest IR technology, VAIR (Vari-Angle IR), allows IZ9361-EH to automatically adjust the IR angle to the optical zoom delivering consistent IR images in all fields of view.

The IZ9361-EH also features VIVOTEK's sophisticated Smart Stream II technology. This enables it to optimize quality for desired regions, therefore maximizing bandwidth efficiency.

By combining H.265 compression technology and VIVOTEK's Smart Stream II technology, users can obtain bandwidth savings of up to 80%* compared to traditional H.264 systems.

Additionally, in order to ensure full protection against both harsh environments and acts of vandalism, the IZ9361-EH is specifically designed with an IP67-, NEMA 4X- and IK10-rated housing, with a wide temperature range from -50°C to 60°C making it suitable for all outdoor surveillance applications such as highway traffic monitoring, city surveillance, and harbor patrol.

* Depending on scene being monitored.

Key Features

· H.265 Compression Technology
· 60 fps @ 1920x1080
· 20x Optical Zoom and Auto Focus
· Built-in IR Illumination Up to 150M
· VAIR (Vari-Angle IR Technology)
· Weather-proof IP67-rated and NEMA4X Housing
· Video Rotation for Corridor Scenario
· WDR Pro for Unparalleled Visibility in High Contrast Environments
· Smart Stream II to Optimize Bandwidth Efficiency
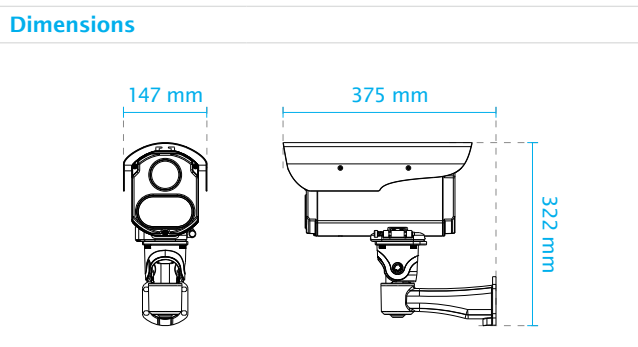· EIS (Electronic Image Stabilization) to Control Image Stability

Without VAIR

With VAIR

Technical Specifications

Model	IZ9361-EH

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	128 MB
RAM	512 MB

Camera Features

Image Sensor	1/3" Progressive CMOS
Maximum Resolution	1920x1080
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	55.4˚ ~ 2.9˚ (Horizontal) 32.6˚ ~ 1.6˚ (Vertical) 62.7˚ ~ 3.3˚ (Diagonal)
Shutter Time	1/8 sec. to 1/30,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut filter	Yes
Illuminators	150m
Minimum Illumination	0.26 lux@ F1.6 (Color) 0.01 lux @ F1.6 (B/W)
Preset Locations	20 preset locations
Pan/Tilt/Zoom Functionalities	128x digital zoom (4x on IE plug-in, 32x built-in)
Storage	Seamless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS)
Built-in Installation Aids	Remote focus, remote zoom

Video

Compression	H.265 & H.264 & MJPEG
Maximum Frame Rate	H.265 & H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080
Maximum Streams	4 video streams
S/N Ratio	Above 53 dB
Dynamic Range	110dB
Video Streaming	Adjustable resolution, quality and constant bit rate control Smart Stream II
Image Settings	General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings; Illuminators: illuminators, anti-overexposure; Image settings: white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR, HLM, DIS, scene mode (auto, deblur); Exposure: BLC, HLC, exposure control (exposure level, iris adjustment, exposure time, gain control, iris mode), AE speed adjustment, WDR; Focus: zoom, focus; Privacy mask; Scheduled profile settings

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
Security	Access list, digest authentication, HTTPS , IEEE 802.1x, Password protection, signed firmware, user access log, user account management
Protocols	802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP, HTTPS, ICMP, IGMPv3, IPv4, IPv6, NTCIP, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP
Interface	10 Base-T/100 BaseTX/1000 BaseTX Ethernet (RJ45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Profile G, S, T supported, specification available at www.onvif.org

Solution Integration

Video Motion Detection	Five-window video motion detection
VADP Package	Stratocast

Alarm and Event

Event Trigger	Audio detection, camera tampering detection, digital input, manual trigger, motion detection, periodical trigger, PIR detection, recording notification, SD card life expectancy, shock detection, system boot, video loss, video restoration
Event Action	Event notification via audio clip, digital output, email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP/SFTP, NAS server, SD card

General

Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC 24V power input DC 24V power input Digital input*3 Digital output*1 RS485
LED Indicator	System power and status indicator
Power Input	AC 24V, DC 24V, 60W UPoE
Power Consumption	Max. 48W (Heater on) Max. 18W (Heater off)
Dimensions	147 x 375 x 322 mm
Weight	4.3 kg
Certifications	EMC: CE (EN55032, EN55024 Class A, EN50121-4), FCC (FCC Part 15 Subpart B Class A), RCM (AS/NZS CISPR32 Class A), VCCI (VCCI-CISPR 32 Class A); Safety: UL (UL60950-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471); Environment: IK10 (IEC 62262), IP66/67 (IEC 60529); IA: BIS (IS 13252)
Operating Temperature	Starting Temperature: -40˚C ~ 60˚C (-40˚F ~ 140˚F) Working Temperature: -50˚C ~ 60˚C (-58˚F ~ 140˚F)
Humidity	90%
Warranty	36 months

System Requirements

Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above

Included Accessories

Packing Contents	Wall mount bracket, screws, waterproof connectors, quick installation guide, alignment sticker, L-wrench, desiccant bags, I/O combo cable

Dimensions

147 mm   375 mm   322 mm

Compatible Accessories

PoE Kit/Power Adapter

24VDC

 AW-IHS-0202 Industrial Media Converter	**+** **HLG-80H-24** Industrial 24VDC/80W Power Supply, IP67	 **HLG-80H-24** Industrial 24VDC/80W Power Supply, IP67

60W UPoE

 AW-IHH-0110 Industrial 1xGE 95W PoH/PoE Injector	**+** **HLG-120H-54** Industrial 54VDC/120W Power Supply, IP67	 **AP-GIC-010A-060** 1xGE 60W UPoE Injector