



# 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

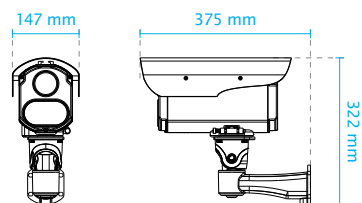


With VAIR

# Technical Specifications

Model	IZ9361-EH
<b>System Information</b>	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	512MB
<b>Camera Features</b>	
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	2.9°~55.4° (Horizontal) 1.6°~32.6° (Vertical) 3.3°~62.7° (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	0.26 Lux@ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)
Pan/Tilt/Zoom Functionalities	128x digital zoom (4x on IE plug-in, 32x built-in)
IR Illuminators	150m
On-board Storage	SD/SDHC/SDXC card slot
<b>Video</b>	
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	Above 53dB
Dynamic Range	110dB
Video Streaming	Adjustable resolution, quality and constant bit rate control Smart Stream II
Image Settings	Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks Scheduled profile settings, EIS, 3DNR, defog, HLC, video rotation
<b>Audio</b>	
Audio Capability	Audio input / Audio output (Full duplex)
Compression	G.711, G.726
Interface	External microphone input External line output
<b>Network</b>	
Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/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 BaseTX/1000 BaseTX Ethernet (RJ45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>

<b>Intelligent Video</b>	
Video Motion Detection	Five-window video motion detection
VCA*	Yes
<b>Alarm and Event</b>	
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 and NAS server File upload via HTTP, SMTP, FTP, NAS server and SD card
<b>General</b>	
Connectors	RJ45 connector for Network/PoE connection Audio input Audio output AC24V/DC24V power input Digital input*3 Digital output*1 RS485
LED Indicator	System power and status indicator
Power Input	60W UPoE DC 24V AC 24V
Power Consumption	Max. 48W (Heater on) Max. 18W (Heater off)
Dimensions	147 x 375 x 322 mm
Weight	4.3 kg
Casing	Weather-proof IP67- and NEMA 4X-rated housing Vandal-proof IK10-rated housing (camera body only)
Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL, EN50121-4
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
<b>System Requirements</b>	
Operating System	Microsoft Windows 8/7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10/11
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
<b>Included Accessories</b>	
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
<b>Dimensions</b>	



# Compatible Accessories

## Mounting Kits



**AM-313**  
Pole Mount Adapter



**AM-717**  
Junction Box

## PoE Kit/Power Adapter

### 24VDC



**AW-IHS-0200/0201/0203**  
Industrial Fiber Media Converter



**HLG-80H-24**  
Industrial 24VDC/80W Power Supply, IP67



**HLG-80H-24**  
Industrial 24VDC/80W Power Supply, IP67

### 24VAC



**AA-341**  
AC 24V 3.5A Power Adapter

### 60W UPoE



**AW-IHU-0100**  
Industrial 1xGE  
60W UPoE Injector



**HLG-120H-54**  
Industrial  
54VDC/120W Power  
Supply, IP67



**AW-IHU-0200**  
Industrial 1xGE  
60W UPoE + 1x SFP  
GE Switch



**HLG-120H-54**  
Industrial  
54VDC/120W Power  
Supply, IP67



**AW-IHU-0600**  
Industrial 4xGE  
60W UPoE + 2xGE  
SFP Switch



**HLG-240H-54**  
Industrial  
54VDC/240W  
Power Supply, IP67



**AP-GIC-010A-060**  
1xGE 60W UPoE Injector