



# 8 Channel PoE+ Network Video Recorder

MODEL: VIGI NVR2008H-8MP



## H.265+



8

PoE+ Ports



90w

PoE Budget

### 4K HDMI Output

Provides Finer Details and Crystal Clarity

### Quick Playback

8-Channel Synchronous Playback\*

### 2 SATA Interfaces

Up to 16 TB Capability for Each HDD\*\*

### Remote Management

Dedicated VIGI app and PC Client

### ONVIF

Comprehensive Compatibility

## Overview

### VIGI Surveillance Solution

The VIGI network video recorder coordinates with camera systems to help you view, store, and play back videos.

## Highlight



#### 8-Channel Live View

Display each surveilled zone in real-time on a single interface for comprehensive control.



#### 8× PoE+ Ports for Easier Camera Deployment

Easily connect and power your PoE camera with one RJ45 cable transmitting both data and power.



#### 4K HDMI Output

Show more details with up to 8MP resolution for one channel and 32MP decoding capacity in total for all channels.



#### Free Remote Management

Take full control over your security anytime and anywhere on the VIGI app or PC client.



#### Practical Playback

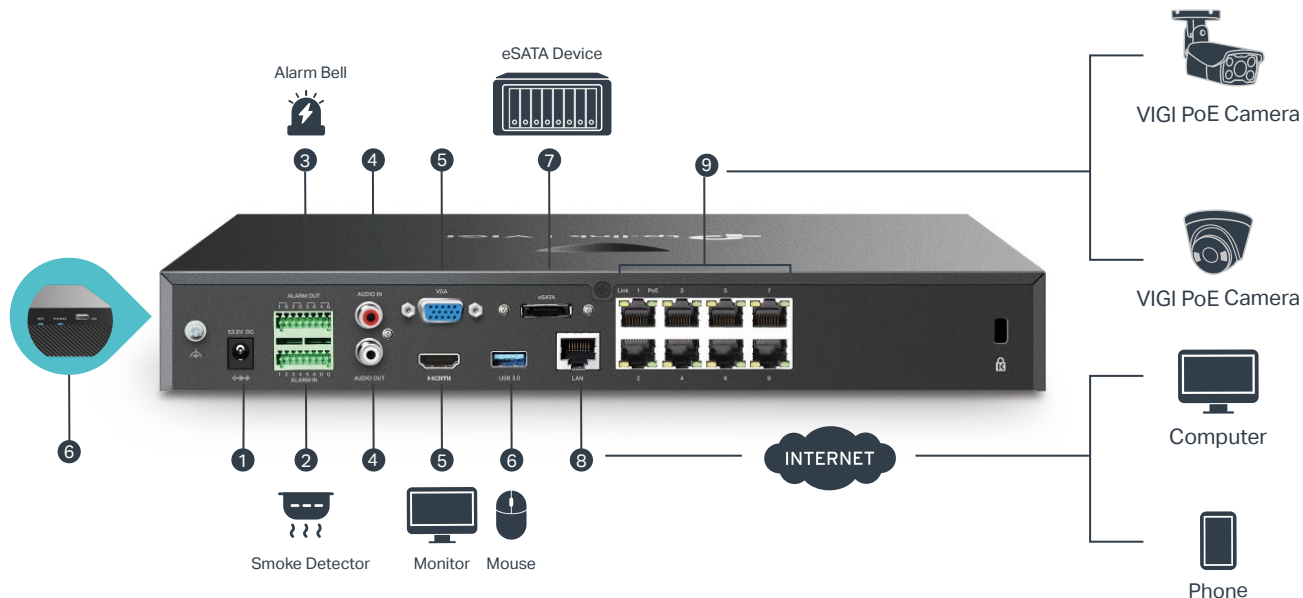
Find the target footage easily by date, event types, and tags. Replay with variable playback speeds to quickly review footage.



#### Non-Stop Recording

Stores up to 32 TB of footage from connected cameras to secure your data for quick and convenient access.\*\*

# Network Topology



1. Power Supply
2. 6× Alarm IN Ports to Connect External Sensors
3. 4× Alarm OUT Ports to Connect Alarm Devices
4. AUDIO IN and AUDIO OUT for Two-Way Audio
5. HDMI and VGA for Video Independent Output
6. 1× USB 3.0 Port (Rear) and 1× USB 2.0 Port (Front) for Mouse and Keyboard Connections
7. 1× eSATA Port to Connect an External Storage Device\*\*
8. 1× 10/100/1000 Mbps LAN Port for Ethernet Connection
9. 8× PoE+ Ports to Connect and Power Your Cameras

\*HDD is not included.

\*Some features may operate sub-optimally due to compatibility issues. For best performance, we recommend using VIGI NVR with VIGI cameras.

\*\*A hard disk drive (not included) must be installed for operation.

Specifications are subject to change without notice.

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# Specifications

NVR	
Product Model	VIGI NVR2008H-8MP
Video and Audio	
IP Video Input	8-Channel
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	160 Mbps
HDMI Output Resolution	1 Channel, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1680x1050/60Hz, 1440x900/60Hz, 1280x1024/60Hz, 1280x720/60Hz
VGA Output Resolution	1 Channel, Resolution: 1920x1080/60Hz, 1680x1050/60Hz, 1440x900/60Hz, 1280x1024/60Hz, 1280x720/60Hz
Video Output Mode	HDMI and VGA Independent / Simultaneous Output
Multi-View Display	1/4/6/8/9
Decoding	
Audio Compression	G.711A/G.711U/G.726
Video Compression	H.265+/H.265/ H.264+/H.264
Record Resolution	8MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/ CIF/QCIF
Synchronous Playback	8-Channel <sup>†</sup>
Capability	• 30fps: 4-ch @ 8MP, 6-ch @ 5MP, 8-ch @ 4MP
Record Management	
Record Mode	• Manual Recording • Scheduling Recording • Motion Detection Recording
Playback Mode	• Instant Playback • Regular Playback • Tag Playback • Event Playback
Backup Mode	• Regular Backup • Video Clip Backup

Playback Function	<ul style="list-style-type: none"> <li>• Play</li> <li>• Pause</li> <li>• Stop</li> <li>• Fast Forward</li> <li>• Fast Backward</li> <li>• Play By Frame</li> <li>• Full Screen</li> <li>• Video Clip</li> <li>• Export Clip</li> <li>• Digital Zoom</li> <li>• Lock Recording</li> <li>• Audio On/Off</li> </ul>
<b>Network</b>	
Network Protocols	UPnP (Plug and Play), NTP (Network Timing), SMTP, DNS, TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, RTSP, SSL/TLS, RTP, IPv4, ARP, FTP/SFTP, IPv6, SNMP
Interoperability	ONVIF Profile S/T, CGI
Mobile Phone Access	Android, iOS
Browser	Chrome (57+), Firefox (52+), Edge (91+), Safari (11+)
<b>PoE</b>	
Interface	8, RJ-45 10/100 Mbps PoE+ Ports
PoE Budget	90 W <sup>^</sup> Available for All PoE+ Ports, 30 W Max per Port
Standard	802.3at/af Compliant
<b>External Interface</b>	
Network Interface	1, RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface
USB Interface	1 Front USB 2.0 Port, 1 Rear USB 3.0 Port
Audio Interface	1-ch RCA Input; 1-ch RCA Output
Alarm In/Out	6/4
Serial Interface	N/A
Power	1 × DC Jack
Reset Button	1
Speaker	N/A
eSATA	1
HDMI	1
VGA	1
<b>Hard Disk</b>	
SATA	2 SATA Interfaces
Capacity	Up to 16 TB Capacity for Each HDD*

Alarm	
General Alarm	<ul style="list-style-type: none"> <li>• Motion Detection</li> <li>• Video Tampering</li> <li>• Scene Change Detection</li> <li>• Line-Crossing Detection</li> <li>• Intrusion Detection</li> <li>• Region Entering Detection</li> <li>• Region Exiting Detection</li> <li>• Loitering Detection</li> <li>• Object Abandoned/Removal Detection</li> <li>• Vehicle Detection</li> <li>• Human Detection</li> <li>• Abnormal Sound Detection</li> <li>• Smart Frame</li> </ul> <p>Note: The alarm function requires the use of a camera.</p>
Anomaly Alarm	<ul style="list-style-type: none"> <li>• Video Loss</li> <li>• Offline and IP Conflict</li> <li>• Disk Exception</li> <li>• Login Exception</li> <li>• Fan Exception</li> </ul>
Alarm Linkage	<ul style="list-style-type: none"> <li>• Recording</li> <li>• White Light Alarm</li> <li>• Buzzer</li> <li>• Log</li> <li>• Audible Alarm</li> </ul> <p>Note: The alarm function requires the use of a camera.</p>
General	
Package Contents	<ul style="list-style-type: none"> <li>• VIGI Network Video Recorder</li> <li>• Power Adapter</li> <li>• HDD Power Cables</li> <li>• HDD Data Cables</li> <li>• Terminal Blocks</li> <li>• Mounting Brackets</li> <li>• Screws</li> <li>• Rubber Feet</li> <li>• Mouse</li> <li>• Quick Installation Guide</li> </ul>
Power Supply	53.5V DC/2.43A
Power Consumption	<ul style="list-style-type: none"> <li>• 8.5 W (Without Disk)</li> <li>• 40 W (With Disk)</li> </ul>
Working Temperature	<ul style="list-style-type: none"> <li>• NVR: -10 °C to 55 °C (14 °F to 131 °F )</li> <li>• Power Adapter: 0 °C to 40 °C (32 °F to 104 °F )</li> </ul>
Storage Temperature	-40°C to 70 °C (-40 °F to 158 °F )
Working Humidity	10%~90% RH Non-Condensing
Storage Humidity	10%~90% RH Non-Condensing
Product Dimensions (W × D × H)	13 × 11.2 × 1.8 in (330 × 285 × 45 mm)
Net Weight	2.1 Kg <sup>§</sup>
Gross Weight	3.9 Kg <sup>§</sup>
Certification	CE, EAC, UKCA, RCM, Triman, BSMI, VCCI, FCC, IC, HDMI

## Build Features



\*HDD is not included.

<sup>^</sup>Calculations are based on laboratory testing. Actual data is not guaranteed and will vary as a result of client limitations and environmental factors.

\*HDD is not included.

<sup>†</sup>The number of simultaneously playable channels may be fewer than 8, or none, if the total resolution exceeds 32MP.

<sup>§</sup>Due to the weight of this model, it is recommended to use a tray when mounting the rack with angle iron. Please note that the tray is not included.