



8 Channel PoE+ Network Video Recorder

MODEL: VIGI NVR1008H-8MP



H.265+

8
PoE+ Ports

113W
PoE Budget



Remote Management
Dedicated VIGI app



Smart Detection

Configuration for Better
Monitoring*



Two-Way Audio

Listen and Talk in Real Time



Quick Playback

Support for 8-Channel Synchronous
Playback



Onvif

Promises Comprehensive
Compatibility

Overview

VIGI Surveillance Solution

The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever. Our outstanding functions, reliable quality guarantees, and simplified installation work together to ensure your business stays safe and sound.

Highlight



8-Channel Live View

Ensure a real-time display of every monitored area on one screen and take everything under your control.



Simplified Deployment with PoE+

Easily connect and power your PoE camera with one RJ45 cable transmitting both data and power. No power adapter needed.



4K Video Output

Show more details with up to 8MP resolution for one channel and 16MP decoding capacity in total for all channels



Easy Management

Seamlessly manage the NVR and connected cameras via the web UI, NVR UI, VIGI app, and VIGI Security Manager. Customize the management systems to suit your specific needs.



Practical Playback

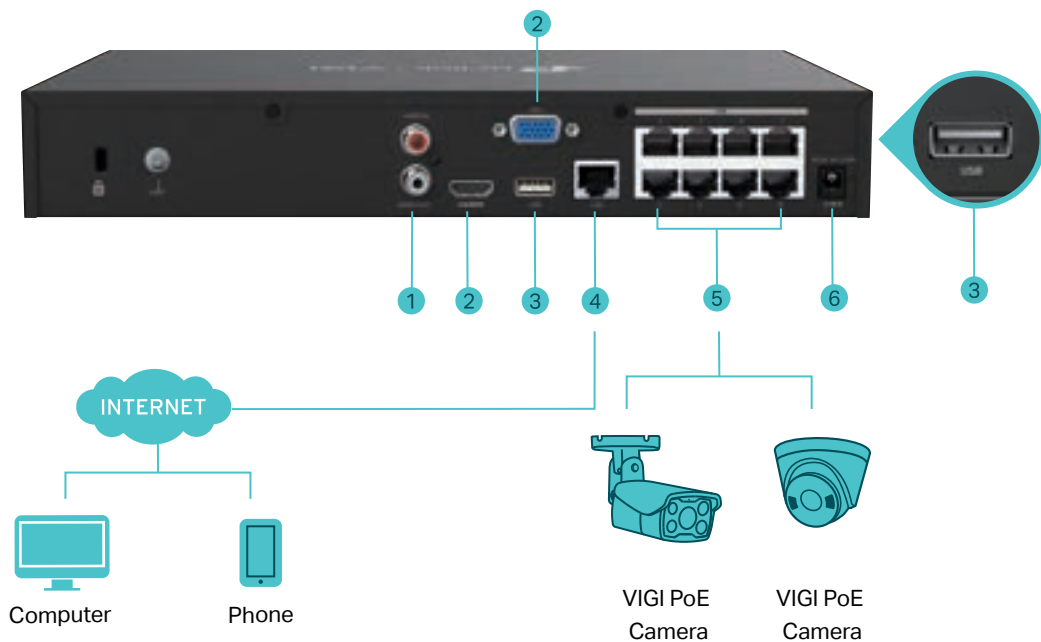
Find the target footage easily by date, event types, and tags. Replay with variable playback speeds to quickly review footage.



Mass Storage

Store up to 10 TB of footage from connected cameras to secure your data for quick, convenient access.

Network Topology



1. AUDIO IN and AUDIO OUT for Two-Way Audio
2. HDMI and VGA Ports for Video Output
3. Two USB Ports for Mouse, Keyboard, or Mobile Hard Disk Connection[^]
4. LAN Port for Ethernet Connection
5. Eight PoE+ Ports to Connect and Power Your Camera
6. Power Supply

©2024 TP-Link

[†]PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

^{*}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

Model	VIGI NVR1008H-8MP	
Video and Audio	IP Video Input	8-Channel
	Incoming Bandwidth	80 Mbps
	Outgoing Bandwidth	60 Mbps
	Recording Resolution	8MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	HDMI Output Resolution	1 Channel, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1680x1050/60Hz, 1440x900/60Hz, 1280x1024/60Hz, 1024x768/60Hz, 1280x720/60Hz
	VGA Output Resolution	1 Channel, Resolution: 1920x1080/60Hz, 1680x1050/60Hz, 1440x900/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
	Video Output Mode	HDMI/VGA Simultaneous Output
	Multi-View Display	1/4/6/8
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
	Capability	<ul style="list-style-type: none"> • 25fps: 2-ch @ 8MP, 4-ch @ 4MP, 8-ch @ 2MP • 30fps: 4-ch @ 3MP, 2-ch @ 5MP

Record Management	Record Mode	<ul style="list-style-type: none"> • Manual Recording • Scheduling Recording • Motion Detection Recording
	Playback Mode	<ul style="list-style-type: none"> • Instant Playback • Regular Playback • Tag Playback • Event Playback
	Backup Mode	<ul style="list-style-type: none"> • Regular Backup • Video Clip Backup
	Playback Function	<ul style="list-style-type: none"> • Play • Pause • Stop • Fast Forward • Fast Backward • Play By Frame • Full Screen • Video Clip • Export Clip • Digital Zoom • Lock Recording • Audio On/Off
Network	Protocols	UPnP (Plug and Play), NTP (Network Timing)
	Mobile Phone Access	Android, iOS
	Web Browser	Chrome (57+), Firefox (52+), Edge (91+)
	Interoperability	ONVIF Profile S, CGI
Hard Disk	SATA	1 SATA Interface
	Capacity	Up to 10 TB Capacity for Each HDD
External Interface	Network Interface	1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface
	USB Interface	2 × USB 2.0
	Audio Interface	1, Audio In; 1, Audio Out
	Alarm In/Out	N/A
	Serial Interface	N/A
	Power	1× DC Jack
	Reset Button	1
	Speaker	N/A
	eSATA	N/A
	HDMI	1
VGA	1	

POE	Standard	802.3at/af Compliant
	PoE Budget	113 W Available for All PoE+ Ports, 30 W Max per Port
	Capacity	1- 8, RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface
Alarm	General Alarm	<ul style="list-style-type: none"> • Motion Detection • Video Tampering • Line-Crossing Detection • Intrusion Detection • Region Entering Detection • Region Exiting Detection • Object Abandoned/Removal Detection • Vehicle Detection • Human Detection • Smart Frame
	Anomaly Alarm	<ul style="list-style-type: none"> • Video Loss • Offline and IP Conflict • Disk Exception • Login Exception
	Alarm Linkage	<ul style="list-style-type: none"> • Recording • White Light Alarm • Buzzer • Log • Audible Alarm
General	Power Supply	53.5V DC/2.43 A
	Power Consumption (without disk)	2.38 W
	Power Consumption (with disk)	12.94 W
	Working Temperature	<ul style="list-style-type: none"> • NVR: -10–55 °C • Power Adapter: 0–40 °C
	Product Dimensions	246.2 × 148.2 × 45 mm
	Product Weight	578.5 g
	Storage Temperature	-40–70 °C
	Storage Humidity	10%~90% RH Non-Condensing
	Package Contents	<ul style="list-style-type: none"> • VIGI Network Video Recorder • Power Adapter • HDD Screws • Mouse • Mounting Brackets & Rubber Feet • Quick Installation Guide
	Working Humidity	10%~90% RH Non-Condensing
	Dimensions (W × D × H)	294 × 180 × 44 mm
	Net Weight	1.12 Kg
	Gross Weight	2.2 Kg
	Certifications	CE, EAC, UKCA, RCM, Triman, BSMI, VCCI, FCC, IC, HDMI

†Rack-mounting accessories are not included.

‡Calculations based on laboratory testing using VIGI cameras. And the decoding capability reaches 16 MP only at 25fps.

§PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

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

*The number of simultaneously playable channels may be fewer than eight, or none, if the total resolution exceeds 16MP.

**Calculations based on laboratory testing using a 3MP VIGI camera. Actual performance may vary according to the amount of activity recorded, resolution, and other variables.