tp-link | VIGI

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.

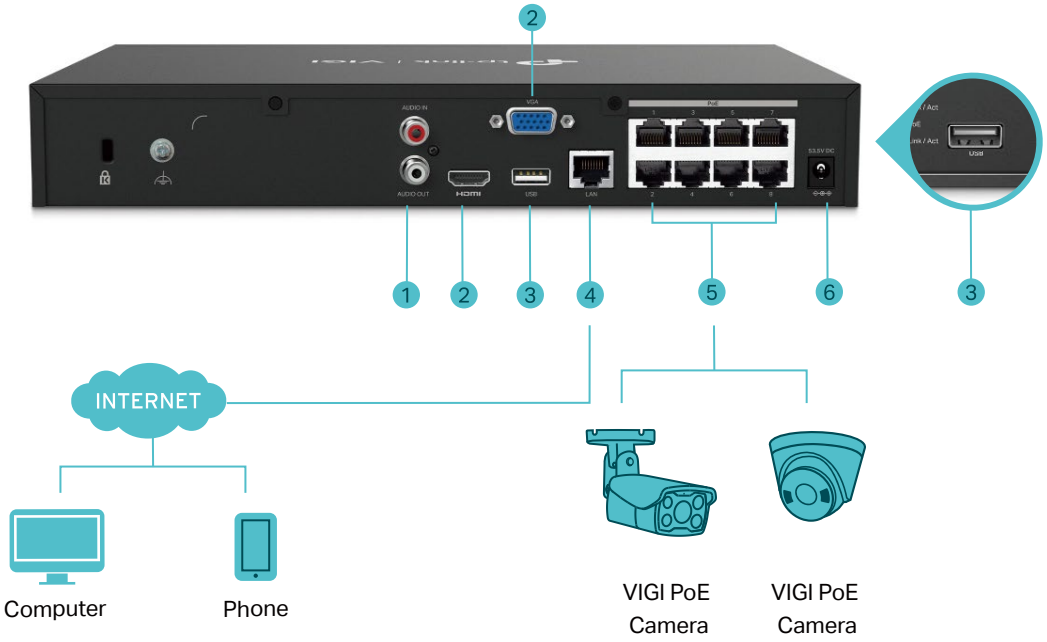
Practical Playback

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

Mass Storage

Stores up to 16 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 Connet and Power Your Camera
6. Power Supply

†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.

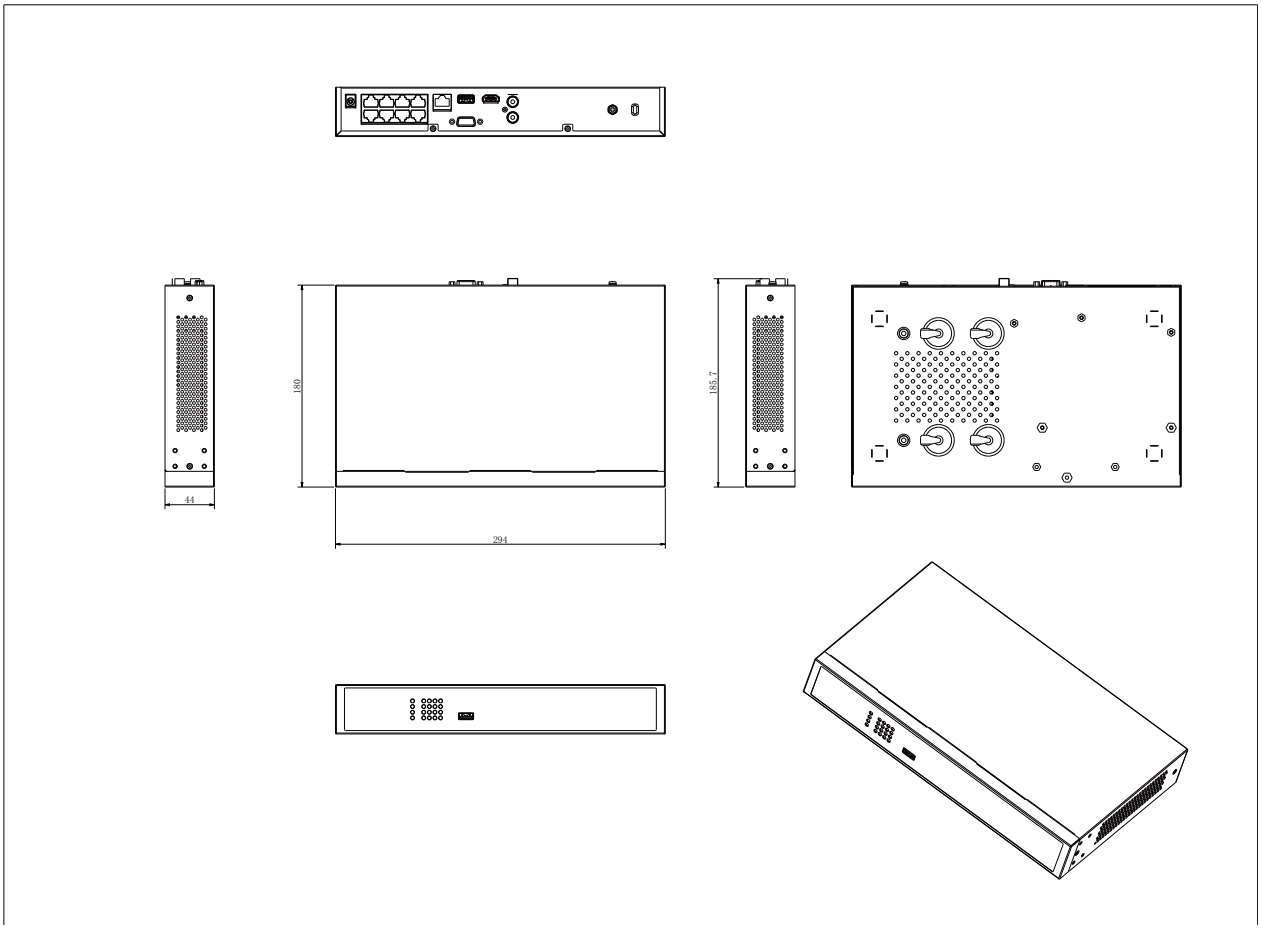
Specifications

NVR	
Product Model	VIGI NVR1008H-8MP
Video and Audio	
IP Video Input	8-Channel
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	60 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/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	25fps: 2-ch @ 8MP, 4-ch @ 4MP, 8-ch @ 2MP 30fps: 4-ch @ 3MP, 2-ch @ 5MP
Record Management	
Record Mode	Manual Recording, Scheduling Recording, Motion Detection Recording
Playback Mode	Instant Playback, Rgular Playback, Tag Playback, Event Playback
Backup Mode	Regular Backup, Video Clip Backup
Playback Function	Play, Pause, Stop, Fast Forward, Fast Backward, Play By Frame, Full Screen, Video Clip, Export Clip, Digital Zoom, Lock Recording, Audio On/Off
Network	
Network Protocols	UPnP (Plug and Play), NTP (Network Timing), SMTP, DNS, TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, RTSP, SSL/TLS, RTP, IPv4, ARP
Interoperability	ONVIF Profile S, CGI
Mobile Phone Access	Android, iOS

Browser	Chrome (57+), Firefox (52+), Edge (91+)
PoE	
Interface	1- 8, RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface
Power	113 W[Δ] Available for All PoE+ Ports, 30 W Max per Port
Standard	802.3at/af Compliant
External Interface	
Network Interface	1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface
USB Interface	2× USB 2.0
Audio Interface	1-ch RCA Input; 1-ch RCA Input
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
Hard Disk	
SATA	1 SATA Interface
Capacity	Up to 16 TB Capacity for Each HDD
Alarm	
General Alarm	• Motion Detection • Video Tampering • Scene Change Detection • Line-Crossing Detection • Intrusion Detection • Region Entering Detection • Region Exiting Detection • Loitering Detection • Object Abandoned/Removal Detection • Vehicle Detection • Human Detection • Abnormal Sound Detection • Smart Frame Note: The alarm function requires the use of a camera.
Anomaly Alarm	• Video Loss • Offline and IP Conflict • Disk Exception • Login Exception Note: The alarm function requires the use of a camera.

Alarm Linkage	• Recording • White Light Alarm • Buzzer • Log • Audible Alarm Note: The alarm function requires the use of a camera.
General	
Package Contents	• VIGI Network Video Recorder • Power Adapter • HDD Screws • Mouse • Mounting Brackets & Rubber Feet • Quick Installation Guide
Power Supply	53.5V DC/2.43A
Power Consumption	• 4.82W (Without HDD) • 14.23W (With HDD)
Working Temperature	NVR: -10–55 °C Power Adapter: 0–40 °C
Storage Temperature	-40-70 °C
Working Humidity	10%~90% RH Non-Condensing
Storage Humidity	10%~90% RH Non-Condensing
Product Dimensions (W × D × H)	294 × 180 × 44 mm
Net Weight	1.12 Kg
Gross Weight	2.2 Kg
Certification	CE, EAC, UKCA, RCM, Triman, BSMI, VCCI, FCC, IC, HDMI

Dimensions



Build Features

△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.
†The number of simultaneously playable channels may be fewer than 8, or none, if the total resolution exceeds 16MP.
‡This model currently supports ONVIF Profile S.
*HDD is not included.

Security Standards Compliance

All VIGI products are fully compliant with the following security and safety standards:

EN 55032:2015 + A11:2020
EN 55035:2017 + A11:2020
EN IEC 61000-3-2:2019 + A1:2021
EN 61000-3-3:2013 + A2:2021
EN IEC 61000-6-3:2021 + AC:2022-01
EN IEC 61000-6-1:2019
EN 50130-4:2011 + A1:2014
EN 62368-1:2014 + A11:2017
EN IEC 63000:2018
(EU) 2023/826