



Datasheet
Security Never Shuts Down

8 Channel Network Video Recorder

MODEL: VIGI NVR1008H



H.265+

VIGI NVR1008H

4K HDMI Output

Provides Finer Details and Crystal Clarity

Quick Playback

8-Channel Synchronous Playback[†]

1 SATA Interface

Up to 16 TB Capability for Each HDD*

ONVIF

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



Streamlined Setup

Simply connect your VIGI NVR and VIGI cameras to a switch, and plug in a monitor, then you're ready to go.



4K HDMI Output

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



Remote Management

Take full control over your security anytime and anywhere on the VIGI app, VIGI VMS, VIGI Cloud VMS, or VIGI PC Client.



Practical Playback

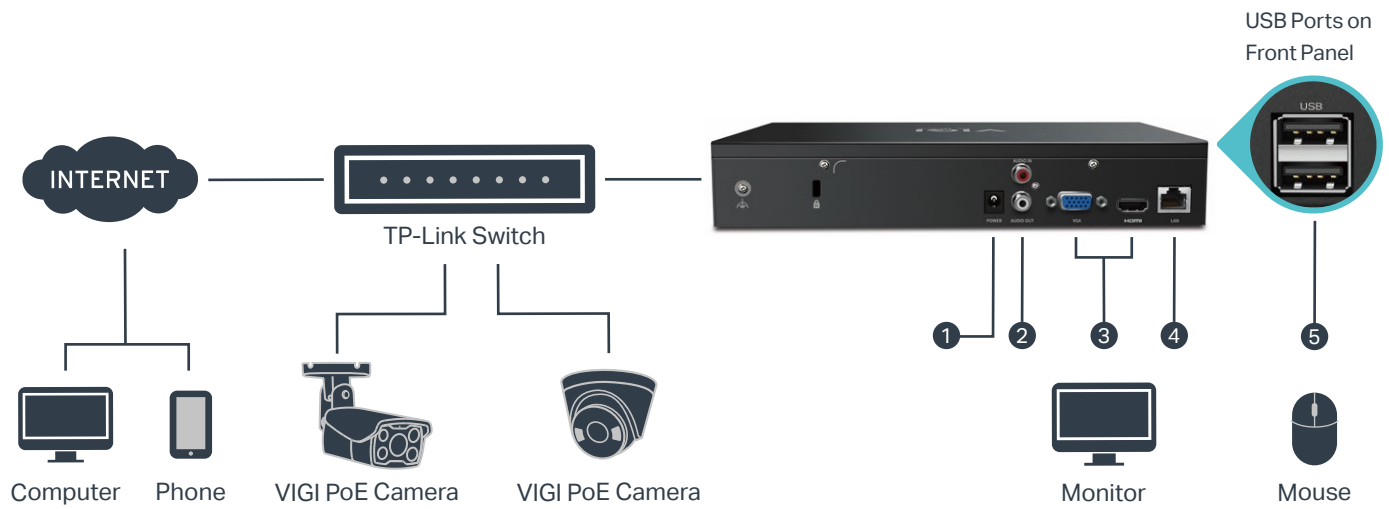
Find the target footage easily by date, event types, and tags. Replay with variable playback speeds to quickly review footage.



Mass Storage

Stores up to 16 TB of footage from connected cameras to secure your data for quick, convenient access.*

Network Topology



1. Power Supply
2. AUDIO IN and AUDIO OUT for Two-Way Audio
3. HDMI and VGA Ports for Video Output
4. 1× LAN Port for Ethernet Connection
5. 2× USB Ports for Mouse and Keyboard Connection

Build Features



*HDD is not included.

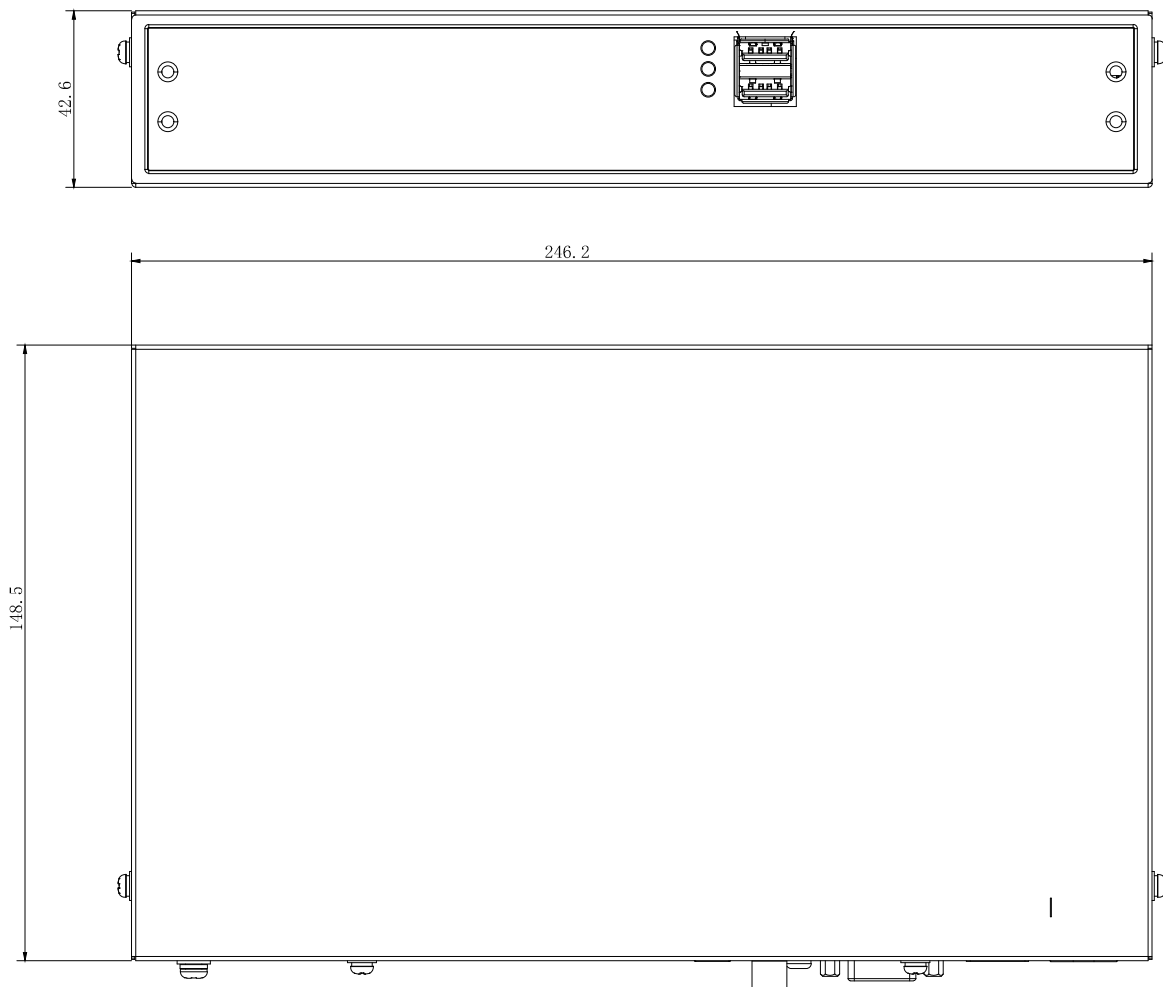
Specifications

NVR	
Product Model	VIGI NVR1008H
Video and Audio	
IP Video Input	8-Channel
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	60 Mbps
HDMI Output Resolution	1 Channel, Resolution: 3840 × 2160/30Hz, 1920 × 1080/60Hz, 1680 × 1050/60Hz, 1440 × 900/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA Output Resolution	1 Channel, Resolution: 1920 × 1080/60Hz, 1680 × 1050/60Hz, 1440 × 900/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
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	8 MP / 5 MP / 4 MP / 3 MP / 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	
Network Protocols	UPnP (Plug and Play), NTP (Network Timing), SMTP, DNS, TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, RTSP, SSL/TLS, RTP, IPv4, ARP, IPv6, SNMP, LLDP, FTP
Interoperability	ONVIF Profile S/T, CGI
Mobile Phone Access	Android, iOS
Browser	Chrome (57+), Firefox (52+), Edge (91+)
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 Output
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	<ul style="list-style-type: none"> • 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 <p>Note: The alarm function requires the use of a camera.</p>
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 <p>Note: The alarm function requires the use of a camera.</p>
General	
Package Contents	<ul style="list-style-type: none"> • VIGI Network Video Recorder • Power Adapter • HDD Screws • Mouse • Rubber Feet • Quick Installation Guide
Power Supply	DC 12V/1.5A
Max Power Consumption (Without Disk)	3.78 W (without disk)
Working Temperature	<ul style="list-style-type: none"> • NVR: -10 °C to 55 °C (14 °F to 131 °F) • Power Adapter: 0 °C to 40 °C (32 °F to 104 °F)
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)	9.7 × 5.8 × 1.7 in (246.2 × 148.5 × 42.6 mm)
Net Weight	0.65 kg
Gross Weight	1.00 kg
Certification	CE, NTRA, KC, FCC, VCCI, BSMI, ONVIF, HDMI

Dimensions



Unit: mm

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

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

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

Specifications are subject to change without notice and can be found at www.vigi.com.

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