



8 Channel Network Video Recorder

MODEL: VIGI NVR1008H

Datasheet
Security Never Shuts Down



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

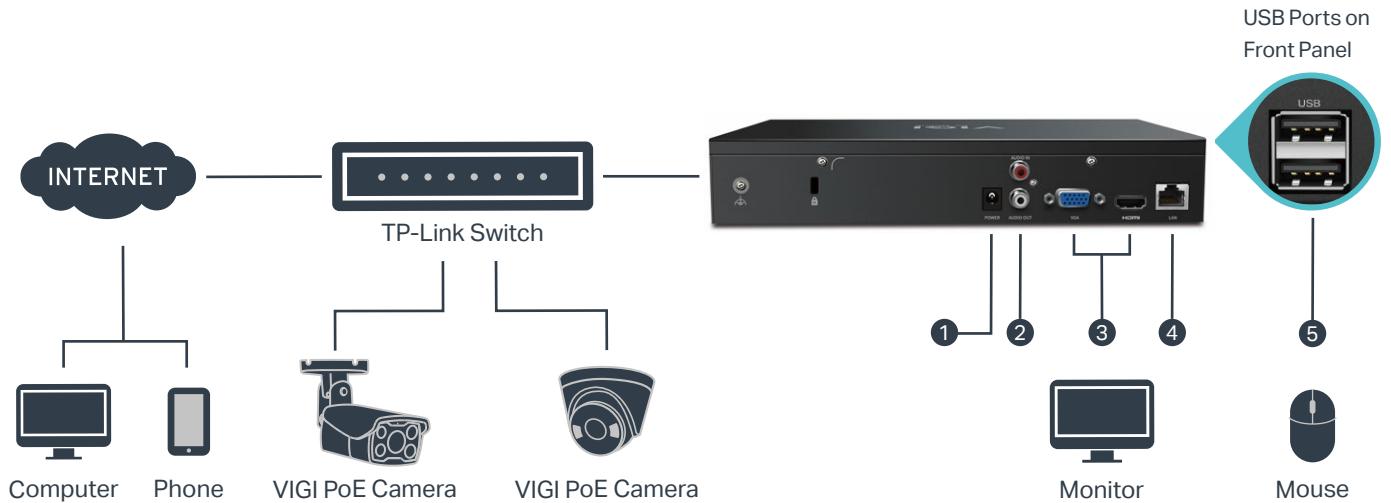
Find the target footage easily by date, event types, and tags. Replay with variable playback speeds to quickly review footage.



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. 1x LAN Port for Ethernet Connection
5. 2x USB Ports for Mouse and Keyboard Connection

Build Features



*HDD is not included.

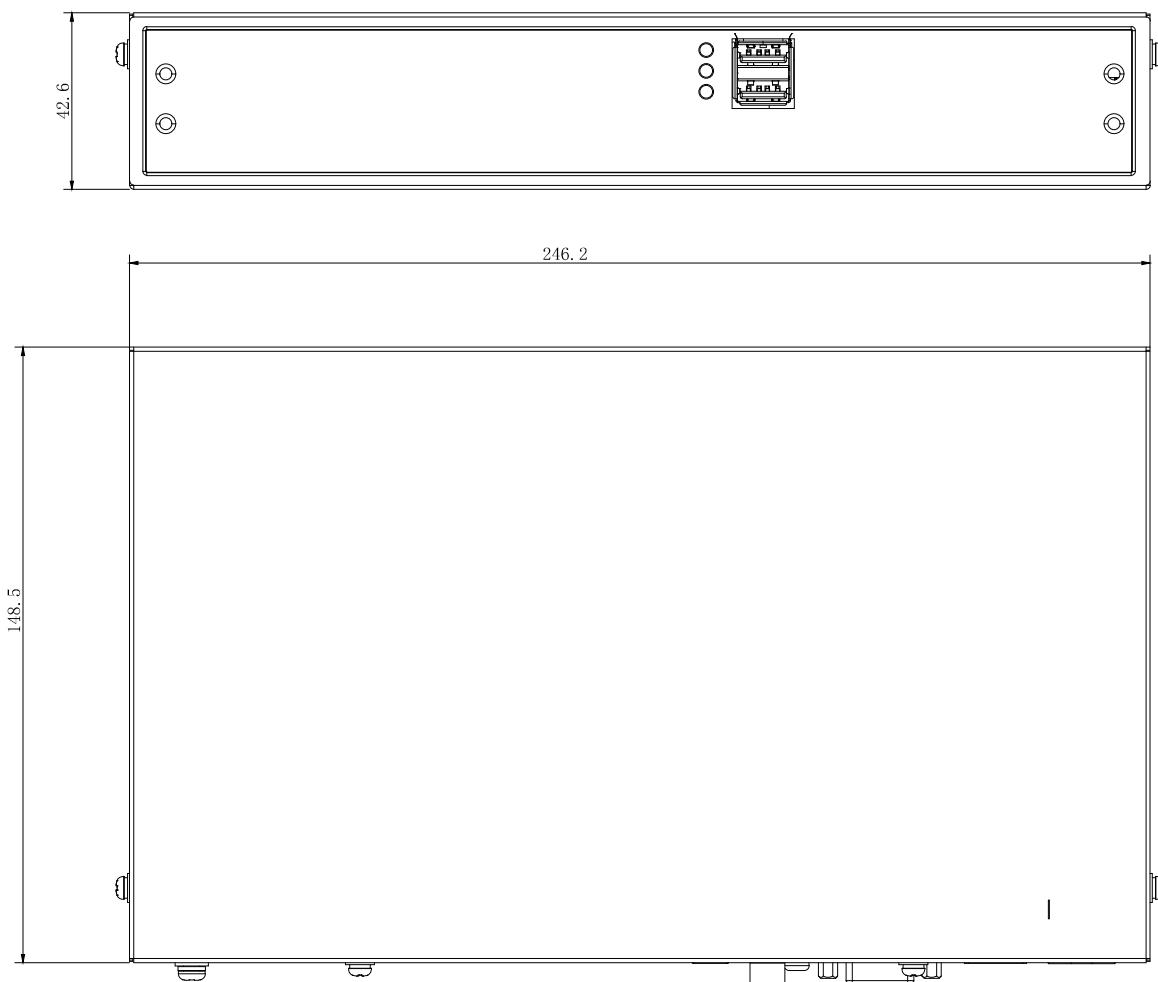
Specifications

| 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



[†]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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