



4 Channel Network Video Recorder

MODEL: VIGI NVR1004H



H.265+

VIGI NVR1004H



Smart Detection

Configuration for Better
Monitoring*



Two-Way Audio

Listen and Talk in Real Time



Quick Playback

Support for 4-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



4-Channel Live View

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

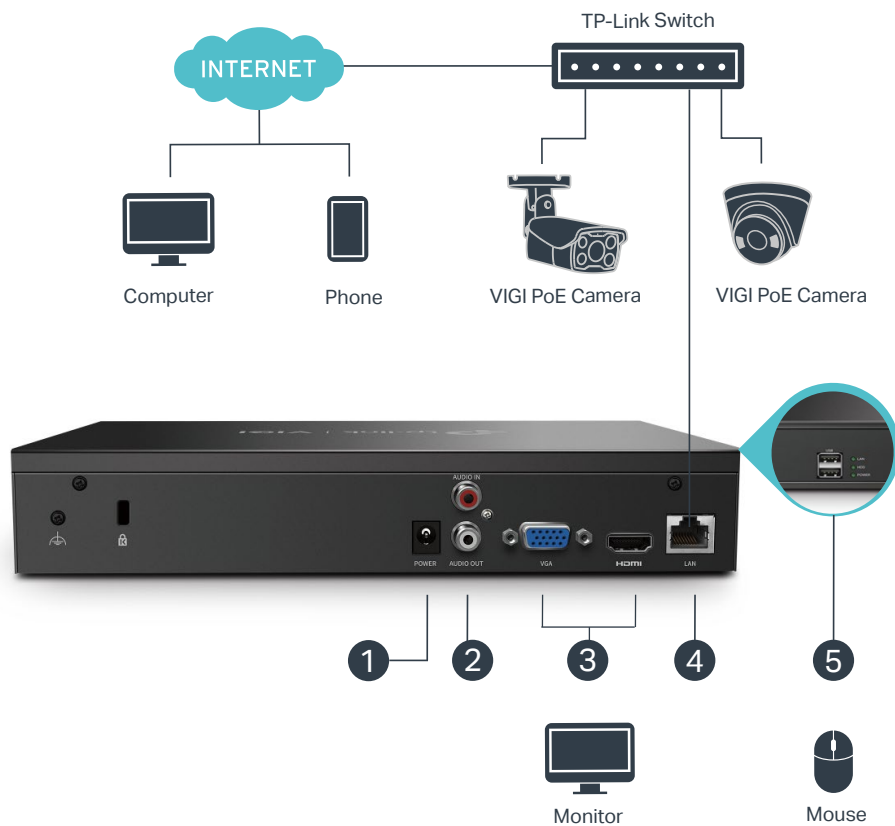
Find the target footage easily by date, event types, and tags. Replay with variable playback speeds to quickly review footage.



Mass Storage

1 SATA interface (up to 10 TB) ensure to store and secure your data for quick, convenient access.

Network Topology



The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

[†]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 NVR1004H |
| Video and Audio | |
| IP Video Input | 4-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 |
| 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 | 4-Channel |
| Capability | 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) |
| Interoperability | ONVIF, 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-inch RCA Input; 1-inch 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 10 TB Capacity for Each HDD |
| 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

| | |
|--------------------------------------|--|
| 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) | 4.25 W |
| Working Temperature | <ul style="list-style-type: none"> • 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) | 246.2 × 148.2 × 45 mm |
| Net Weight | 0.59 kg |
| Gross Weight | 0.95 kg |
| Certification | CE, EAC, UKCA, RCM, Triman, BSMI, VCCI, FCC, IC, HDMI |

Dimensions

