



# 16 Channel Network Video Recorder

MODEL: VIGI NVR1016H



**1 HDD (10 TB Max)<sup>†</sup>**  
Up to 720 days of video<sup>‡</sup>



**Remote Management**  
**Dedicated VIGI app**



**Smart Detection**  
Configuration for Better  
Monitoring<sup>§</sup>



**Two-Way Audio**  
Listen and Talk in Real Time



**80 Mbps Bandwidth**  
Sufficient for 16× 4MP Cameras<sup>^</sup>



**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



#### 8MP Live View

Sharp image definition up to 8MP and an 16 channel display ensure you capture every detail, from every angle.



#### Mass Storage

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



#### Practical Playback

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



#### Easy Management

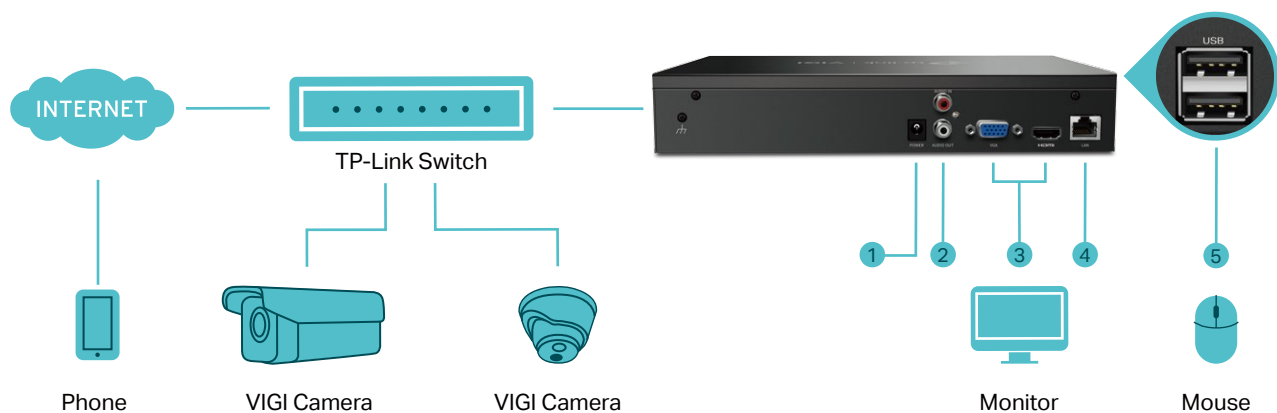
Seamlessly manage the NVR and cameras via the NVR user interface, VIGI app, and VIGI Security Manager. Customize the management systems to suit your specific needs.



#### Streamlined Setup

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

# Network Topology



1. POWER Outlet
2. AUDIO IN and AUDIO OUT for Two-Way Audio
3. HDMI and VGA Ports for Video Output
4. LAN Port for Ethernet Connection
5. Two USB Ports for Mouse, Keyboard, or Mobile Hard Disk Connection\*



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

†HDD is not included.

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

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

ΔCalculations based on laboratory testing using VIGI cameras. 80 Mbps is the maximum bandwidth available for cameras managed by NVR.

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

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## Specifications

Models	NVR1016H	
Video Input	IP Video Input	16-Channel
		Up to 8 MP Resolution
Network	Incoming Bandwidth	80 Mbps
	Outgoing Bandwidth	60 Mbps
Video Output	Recording Resolution	8 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	HDMI/VGA Output Resolution	1920×1080p/60 Hz, 1280×1024/60 Hz, 1280×720/60 Hz, 1680×1050/60 Hz, 1440×900/60 Hz
Decoding	Decoding Format	H.265+/H.265/H.264+/H.264
	Live View/Playback Resolution	8 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	Synchronous Playback	4-Channel
	Capability	1-ch @ 8 MP, 2-ch @ 4 MP, 4-ch @ 2 MP
Network Management	Network Protocols	TCP/IP, DHCP, DNS, NTP, UPnP
Hard Disk	SATA	1 SATA Interface
	Capacity	Up to 10 TB
External Interface	Network Interface	1, RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface
	USB Interface	2 × USB 2.0
General	Power Supply	12V DC/1.5 A
	Power Consumption (without disk)	4.25 W
	Power Consumption (with disk)	13.10 W
	Working Temperature	-10–55 °C
	Product Dimensions	246.2 × 148.2 × 45 mm
	Product Weight	578.5 g