



QNAP QGD- 3014-16PT-8G network switch Managed Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Model: QGD-3014-16PT-8G

Manufacturer: QNAP

EAN: 4713213518427

Product Code: 193446

R23,672

The QGD-3014-16PT Desktop Guardian PoE managed switch has sixteen 30-watt Gigabit PoE ports, two Gigabit SFP/RJ45 combo ports and two 2.5GbE host management ports. With a dual-processor design including an Intel® Celeron® J4125 quad-core 1.8GHz processor and four 3.5-inch SATA drive bays, the QGD-3014-16PT meets requirements for high-speed transmission, storage space, and virtual machine performance in surveillance applications. Supporting VMs and QTS for versatile

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applications such as QVR Pro, HBS 3 and QuWAN, the QGD-3014-16PT combines surveillance deployment, video storage computing, remote backup and WAN optimization to create intelligent surveillance infrastructure and remote backup solutions.

Next-Generation Intelligent IP Surveillance and Remote Backup Solution

Modern enterprises need to deploy surveillance systems in various sites with multiple IP cameras, switches, NAS/NVR, and then transmit local data to central servers. This can often be a complicated, inefficient, and expensive process. The QGD-3014-16PT integrates PoE power capabilities, surveillance server, and data backup management, thus simplifying the software and hardware requirements and increasing the transmission and backup efficiency of surveillance videos.

Complete Surveillance Infrastructure Deployment for Smart Retail

Combining QVR Pro surveillance software, HBS remote backup, and QuWAN SD-WAN solutions, the QGD-3014-16PT is a total package for surveillance deployment. Businesses can centrally manage video capture, playback, and processing to benefit from a cost-optimized smart surveillance solution.

Minimalist design with 4K 60Hz HDMI output for fashionable retail space

The QGD-3014-16PT has a modern design and quiet cooling system to balance system performance, noise, and noise. This stylish appearance allows the QGD-3014-16PT to easily fit in with modern retail spaces and showrooms. The QGD-3014-16PT combines the functions of a PoE switch, NVR, NAS and router, and provides HDMI 2.0 output for direct playback of live feeds up to 4K (3840x2160) 60Hz resolution. By consolidating the functions of multiple devices in a near-silent and stylish form factor, the QGD-3014-16PT satisfies the requirements for smart retail surveillance environments.

Intelligent PoE Management for High-Power IP Cameras

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Compliant with the IEEE 802.3at PoE+ standards, the QGD-3014-16PT has sixteen ports with 30-watt Gigabit PoE capabilities. The QGD-3014-16PT can supply a total power budget of 140 watts to meet the demands of bullet cameras, fisheye cameras, 4K PTZ cameras and Speed Dome cameras compliant with the ONVIF® standard; or high-power devices such as 4K PTZ camera, IP phones, LED lights, and digital signage. The QGD-3014-16PT supports intelligent PoE management functions, including scheduling, power supply prioritization, and power enabling/disabling. You can obtain real-time network connection status and power consumption information of PDs and configure PDs simultaneously to promote an energy-saving PoE network.

A Total Smart IP Surveillance System with QVR Pro

QVR Pro allows you to arrange a dedicated, independent storage space for surveillance data on the QGD-3014-16PT and leverage the advantages of scalable storage including four drive bays space and flexible storage expansion. With camera management, storage space allocation, playback, failover, and remote live viewing, QVR Pro helps you deploy a comprehensive smart IP surveillance system.

Integrated HBS 3 Remote Backup Solution for Surveillance Data

HBS 3 consolidates backup, restoration and synchronization functions (via RTRR, Rsync, FTP, CIFS/SMB protocol) for easily transferring data from the QGD-3014-16PT to a remote QGD-3014-16PT, QNAP NAS, remote server, or cloud storage.

Deploy a Multi-site VPN with SD-WAN Solution

QuWAN SD-WAN provides full mesh IPsec VPN topology between the QGD Switches and local/remote QNAP devices to fulfill enterprise surveillance video, system data transmission, and filing needs. QuWAN optimizes the network service by using bandwidth aggregation, QoS, and failover, providing a stable surveillance working environment. QuWAN also adopts software defined networking to achieve optimum surveillance network connectivity and supports cloud-centric management over multiple NAS for deploying a resilient IP surveillance infrastructure.

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The First PoE Switch Series with VM Support

The QGD-3014-16PT supports QNAP's QTS operating system and is the world's first PoE switch series that supports hosting virtual machines, containers, and other cloud applications – enabling diverse networking and storage solutions. In addition to QuWAN, QVR Pro, HybridMount, and other applications. The QGD-3014-16PT not only provides an all-in-one networking solution for IP surveillance, storage expansion, network security, and wireless LAN management, but also a SD-WAN solution for connecting to other QNAP devices in multiple sites. The QGD-3014-16PT adopts a dual-processor structure, enabling independent operation of the networking management interfaces (QSS – QNAP Switch System) and QTS. By using the Network Virtual Switch, the data from QTS and QSS can be transferred by Intranet, accelerating computing between end devices and hosts. In addition, the QGD-3014-16PT provides a user-friendly web interface, QuNetSwitch, to help users deploy flexible and secure IT infrastructure.

QuNetSwitch: User-Friendly Layer 2 Management Software

The QGD-3014-16PT provides complete functions of Layer 2 management (for example: VLAN, LACP, and LLDP). These can divide network IP traffic into several groups, providing more efficient network management. The QGD-3014-16PT provides powerful security features, including IGMP Snooping, Static MAC, QoS, and WoL. There is also an overview dashboard and graphical statistics analysis that displays all the information about the switch and PDs at a glance, simplifying the management of powered devices.

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