



NETGEAR AV Line M4250-40G8XF-PoE++

ProdCode: NGGSM4248UX100E

40x1G PoE++ 2,880W and 8xSFP+ Managed Switch



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Features

- 40x1G PoE++ 2,880W and 8xSFP+ Managed Switch

BUILT FOR AV OVER IP

- **Pre-configured for out-of-the-box use**
NETGEAR IGMP Plus™ enables instant multicast functionality for most AV over IP installations
- **Dedicated AV web-based GUI interface**
Unique interface designed for the AV professional with color-coded, port-based profiles
- **Profiles for common audio protocols**
Quickly assign profiles to ports for Dante, AES67, and AVB audio configurations. AVB Requires a separate license
- **Video profiles built-in**
Special profiles for NVX, SVSI, Q-SYS and Dante video profiles can be easily assigned to ports as needed
- **Unique Automatic Configuration**
Auto-trunk and auto-lag functionality automatically configures other M4250 switches for use in star topology

MOUNTING FLEXIBILITY

- **Rackmount versatility**
2U, 350mm deep rackmount with all power and Ethernet ports on the back
- **Reversed mounting possibility**
Possible reversed mounting with ports in the front including recessed mounting to protect cables
- **Universal mounting availability**
Mounting outside the rack made possible with bottom M5 and front M10 threaded holes
- **Fanless functionality**
Quiet mode with 60dB@25°C, or fanless mode when PoE load and temperature allow

ADVANCED FEATURES

- **Multi-switch audio or single-switch video deployments**
40x1G PoE++ with 2,880W PoE budget with 8xSFP+ 10G fiber uplinks
- **Layer 2/Layer 3 Switching**
Common Layer 2 and Layer 3 switching engine across all M4250 models
- **Control methods abound**
Built-in IT web GUI, console, telnet and SSH consistent with other NETGEAR M4xxx series
- **Standard network features**
Feature set includes static, RIP and PIM routing, DHCP Server and PTPv2

M4250 Series Switches

An entirely new series of switches developed and engineered for the growing audio, video over IP (AV over IP) market. These AV Line switches combine years of networking expertise with best practices from leading experts in the professional AV market.

Pro AV Benefits & Features

- As video transitions to running over an IP network versus direct cabling or even HDBaseT, there are many things to consider. The new AV Line incorporates NETGEAR IGMP Plus™ for flawless video over IP (including audio and control).
- If you are using Dante or AVB in your audio deployment, you can trust that NETGEAR's new AV Line switches are designed to seamlessly integrate into your solution. Easy to use, easy to manage.
- The new M4250 AV interface presents the common AV controls right up front with user-selectable profiles for common AV platforms making it a snap to ensure the settings are correct for a specific audio or video application.

Engineered for AV over IP

The M4250 switches, available in a range of configurations, are designed for a clean integration with traditional rack-mounted AV equipment.

A sleek, black display panel provides port and activity status in the front, with all power and network cabling neatly organized in the back.

