



DESCRIPTION

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.

Rackmount versatility

1U, 400mm 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

Adjustable fan functionality

Quiet mode with 42dB@25°C, or fanless mode when PoE load and temperature allow

Easier configuration with new AV GUI

The AV-oriented, web-based GUI permits factory or user-specified profiles to be assigned to individual ports as needed.

Use in noise-sensitive environments

Adjustable fans can be turned off if certain conditions are met. Even the default Quiet mode is quieter than most other switches.

Get up and running fast with little engineering time required

Our NETGEAR IGMP Plus TM feature is set from the factory to ensure out-of-the-box functionality for most AV over IP installations

Multiple mounting options provide ultimate flexibility

Threaded mounting holes sized to industry standards are built into the chassis for mounting behind a display or clamped to a truss.

TECHNICAL CHARACTERISTICS

Brand : NETGEAR
Part number : GSM4230PX-100EUS
Basic switching RJ-45 Ethernet ports quantity : 24
Basic switching RJ-45 Ethernet ports type : Gigabit Ethernet (10/100/1000)
Built-in processor : Y
Cables included : AC, LAN (RJ-45), USB Type-C
Depth : 43.2 mm
Fanless : Y
Form factor : 1U
Harmonized System (HS) code : 85176990
Height : 400 mm
IPv4 FIB entries : 256
IPv4 routes : 512
IPv6 FIB entries : 16
IPv6 routes : 128
Jumbo frames : 12000
Jumbo frames support : Y
Latency (1 Gbps) : 2.29 µs
Latency (10 Gbps) : 0.83 µs
MAC address table : 16 entries
Noise level : 42 dB
Number of VLANs : 4
Packet buffer memory : 16 MB
Power over Ethernet (PoE) : Y
Power over Ethernet (PoE) power per port : 45 W
Power over Ethernet plus (PoE+) ports quantity : 24
Power supply included : Y
Processor model : ARM Cortex-A57
Product colour : Black
Rack mount kit : Y
Rack mounting : Y
SFP+ module slots quantity : 4
Switch layer : L2/L3
Switch type : Managed
Switching capacity : 132 Gbit/s
Temperature sensor : Y
Throughput : 98.21 Mpps
USB 2:0 ports quantity : 1
VLAN support : Y
Weight : 5.45 kg
Width : 440 mm