

## Netgear Prosafe M4100-50-POE 48 ports Fast Ethernet PoE 802.3af, Layer 2+ software package



Product Name: Netgear Prosafe M4100-50-POE 48 ports Fast Ethernet PoE 802.3af, Layer 2+ software package

Manufacturer: -

Model Number: M4100-50-POE

Please Note: This product has been discontinued.

Netgear Prosafe M4100-50-POE 48 ports Fast Ethernet PoE 802.3af, Layer 2+ software package  
The Netgear Prosafe M4100-50-POE 48 ports Fast Ethernet PoE 802.3af, Layer 2+ software package forms part of the ProSAFE® Intelligent Edge M4100 series. The Netgear ProSAFE M4100-50-POE provides 48 ports of 10/100 Fast Ethernet data, with all 48 ports capable of providing industry-standard IEEE 802.3af power to IP PoE enabled devices for example IP phones and IP door entry solutions. In addition there are 2 Gigabit ports with 2 shared SFP. This is a fully managed switch ideal for organisation and business who require reliable, affordable and simple access layer switching with CLI, advanced scripting capabilities and Layer 3 routing.  
Netgear Prosafe M4100-50-POE Key Features

- 48 Port 10/100 Fast Ethernet Speed
- 48 Port PoE (IEEE 802.3af Power over Ethernet)
- 2 Gigabit ports with 2 shared SFP
- Fully Managed
- Layer 2+ software package
- Internal PSU with RPS/EPS
- Up to 16k MAC address entries
- Up to 380w PoE budget
- Up to 16k MAC address entries
- Forwarding modes: Store-and-forward
- Status LEDs
- Rackmount
- Durable metal case 440 x 310 x 43.2mm
- Netgear lifetime warranty\*

Netgear Prosafe M4100-50-POE - Technical Specifications

NETGEAR Intelligent Edge M4100 series key features:

- Broad portfolio of access layer solutions, ranging from 8 ports Fast Ethernet to 50 ports Gigabit Ethernet
- 802.3af PoE and 802.3at PoE+ best fit, ranging from 66W to 1,440W power budget per switch
- IPv4 routing in Layer 2+ package (L3 static routing) with IPv4/IPv6 ACLs and QoS
- High value L2/L3 tables with 16K MAC, 512 ARP/NDP, 9K jumbo frames, 1K VLANs, 64 static L3 routes
- Redundant power supply option for uninterruptible operation (RPS)
- External power supply option for PoE and PoE+ full-power applications (EPS)
- Green Ethernet compliance for maximum power efficiency

NETGEAR Intelligent Edge M4100 series software features:

- Automatic multi-vendor Voice over IP prioritization based on SIP, H323 and SCCP protocol detection

## Netgear Prosafe M4100-50-POE 48 ports Fast Ethernet PoE 802.3af, Layer 2+ software package

- Voice VLAN and LLDP-MED for automatic IP phones QoS and VLAN configuration
- IPv4/IPv6 Multicast filtering with IGMP and MLD snooping, Querier mode and MVR for simplified video deployments
- Advanced classifier-based hardware implementation for L2 (MAC), L3 (IP) and L4 (UDP/TCP transport ports) inbound security and prioritization

NETGEAR Intelligent Edge M4100 series link aggregation and channeling features:

- Flexible Port-Channel/LAG (802.3ad) implementation for maximum compatibility, fault tolerance and load sharing with any type of Ethernet channeling
- Including static (selectable hashing algorithms) or dynamic LAGs (LACP)

NETGEAR Intelligent Edge M4100 series management features:

- DHCP/BootP innovative auto-installation including firmware and configuration file upload automation
- Industry standard SNMP, RMON, MIB, LLDP, AAA and sFlow implementation
- Selectable serial RS232 DB9 and Mini-USB port for management console
- Standard USB port for local storage, configuration or image files
- Dual firmware image and configuration file for updates with minimum service interruption
- Industry standard command line interface (CLI) for IT admins used to other vendors commands
- Fully functional Web console (GUI) for IT admins who prefer an easy to use graphical interface

NETGEAR Intelligent Edge M4100 series warranty and support:

- NETGEAR ProSAFE Lifetime Hardware Warranty†
- Included ProSupport Lifetime 24x7 Advanced Technical Support\*
- Included 3-Year Next Business Day Onsite Hardware Replacement\*\*

**Please Enquire**