

# 24 10/100/1000Mbps Port Gigabit L2 Web-Smart Managed Switch, 2 Dedicated Gigabit SFP Slots, 52 Gbps, Web Interface

MODEL NUMBER: NGS24C2



Fully managed 24-port web-smart Gigabit network switch with dual SFP slots in a 1U rack-mount/desktop unit. Ideal for monitoring and controlling a LAN in a small-to-medium distributed network.

## Description

The energy-efficient NGS24C2 24-Port Gigabit L2 Web-Smart Managed Network Switch features 24 twisted-pair RJ45 Gigabit Ethernet ports that support auto-negotiable 10/100/1000 Mbps and auto MDI/MDIX cross-over detection functions for convenient plug-and-play capability. Two dedicated mini-GBIC SFP ports are also included for uplinking data to other switches via optical fiber or copper. Easy-to-read LEDs indicate connection and activity status for each port. Built-in web-smart management software lets you monitor and control each connected device via secure web-based interface. Each port supports up to 2 Gbps with full duplex. The heavy-duty metal housing mounts into 1U of an EIA-standard 19-inch rack using the included brackets and user-supplied hardware. Or attach the included rubber feet to the bottom of the unit for installation on a flat desktop surface. The five-foot input cord with NEMA 5-15P plug connects to a protected UPS, generator or mains input AC source.

## Features

**Enterprise Managed Network Switch** 24 twisted-pair RJ45 Gigabit Ethernet ports Auto-negotiable 10/100/1000 Mbps Automatic MDI/MDIX cross-over detection 52 Gbps switching capacity (2 Gbps per port with full duplex) Easy-to-read LEDs indicate connection and activity status for each port Supports 9k jumbo frames Supports MAC address auto-learning and auto-aging up to 8,000 addresses Advanced Enterprise-level and L2 management features

**Built-In Web-Smart Management Software** Monitors and controls connected equipment via simple Web interface VLAN, trunking, VPN, port monitoring and other features improve network efficiency and performance

**Dual Dedicated Mini-GBIC SFP Ports** Connect to Mini-GBIC SFP modules for uplinking to other switches via optical fiber or copper LEDs indicate interface traffic

**Compliant with Energy Efficient Ethernet standards** Automatically shifts unused ports to low power state without interrupting network connection Meets IEEE 802.3ab, 802.3i, 802.3u, 802.3x, 802.3, 802.1q, 802.1d, 802.1w and 802.3ad standards

**Versatile Installation Options** Fanless metal housing mounts in 1U of EIA-standard 19 in. racks Supports desktop installation using included rubber feet on flat surface 5 ft. power cord with NEMA 5-15P plug connects to compatible AC power source

## Highlights

- IP-MAC-Port-Binding, ACL, Storm Control
- Port Security, DHCP Snooping, 802.1x, L2
- Web-Smart management interface, SNMP, RMON features
- Enterprise-level, security and layer 2 management
- Cost-effective form factor for small and medium businesses

## Package Includes

- NGS24C2 24-Port Gigabit L2 Web-Smart Managed Network Switch
- Detachable AC power cord w/NEMA 5-15P plug, 5 ft.
- (2) Rack-mounting brackets
- (8) Screws
- (4) Rubber feet
- Owner's manual

**Works with the Most Popular Web Browsers**

The NGS24C2 is browser-based and works independently from the connected computer's operating system. Because switch compatibility is based on common hardware standards, rather than system software dependencies, the NGS24C2 accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

## Specifications

| OVERVIEW                          |  |
|-----------------------------------|--|
| UPC Code                          | 037332194831   |
| Product Type                      | Managed Switch   |
| INPUT                             |  |
| Input Phase                       | Single-Phase   |
| Electrical Consumption (Max)      | 80W  |
| Input Plug Features               | Detachable NEMA 5-15P to C13 input cable can be replaced with a wide variety of 100 to 240V international cordsets that terminate to a C13 connector on the output side                                |
| Voltage Compatibility (VAC)       | 100-240  |
| Input Plug Type                   | NEMA 5-15P   |
| Input Cord Length (ft.)           | 5  |
| Input Cord Length (m)             | 1.52   |
| POWER                             |  |
| Power Consumption (Watts)         | 80   |
| CONNECTIONS                       |  |
| Number of Ports                   | 26   |
| Ports                             | 24   |
| Ports Detail                      | 24x 10/100/1000BASE-T  |
| SFP Uplink Ports                  | 2  |
| SFP Uplink Ports Detail           | 2x Mini-GBIC SFP Uplinks   |
| PoE Supported Ports               | 0  |
| Network Switch Ports              | (24) 10/100/1000 (RJ45); (2) Dedicated SFP   |
| USER INTERFACE, ALERTS & CONTROLS |  |
| Switches                          | 1 included switch enables factory reset  |
| LED Indicators                    | Power LED (Green for Power On); One LED per RJ45 port (Amber indicates 10/100Mbps link; Green indicates 1000Mbps link; LEDs flash to indicate port activity); Two LEDs indicate SFP connection (Green) |
| PHYSICAL                          |  |
| Primary Form Factor               | Desktop; Rackmount   |



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|                                      |                                  |
|--------------------------------------|----------------------------------|
| Color                                | Black                            |
| Minimum Required Rack Depth (cm)     | 20.57                            |
| Minimum Required Rack Depth (inches) | 8.1                              |
| Shipping Dimensions (hwd / in.)      | 3.46 x 21.85 x 11.61             |
| Shipping Dimensions (hwd / cm)       | 8.79 x 55.50 x 29.49             |
| Shipping Weight (lbs.)               | 7.06                             |
| Shipping Weight (kg)                 | 3.20                             |
| Unit Dimensions (hwd / in.)          | 1.730 x 17.320 x 8.070           |
| Unit Dimensions (hwd / cm)           | 4.39 x 43.99 x 20.5              |
| Unit Weight (lbs.)                   | 5.4                              |
| Unit Weight (kg)                     | 2.45                             |
| Rack Units                           | 1                                |
| <b>ENVIRONMENTAL</b>                 |                                  |
| Storage Temperature Range            | -40° to 158°F (-40° to 70°C)     |
| Relative Humidity                    | 10 to 90% (Non-condensing)       |
| Operating Temperature                | 32 to 104 F (0 to 40 C)          |
| <b>COMMUNICATIONS</b>                |                                  |
| Network Compatibility                | 1 Gbps (Gigabit)                 |
| Network Compatibility Details        | Auto-negotiable                  |
| Switching Capacity                   | 52 Gbps                          |
| Switching Capacity Details           | 2 Gbps per port with full duplex |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                  |
| Jumbo Frames                         | 9000                             |
| OSI Layer                            | Layer 2                          |
| Console Port                         | No                               |
| MAC Auto Learning                    | Yes                              |
| MAC Addresses                        | 8000                             |
| RMON                                 | Yes                              |
| SNMP                                 | Yes                              |
| Storm Control                        | Yes                              |
| DHCP Snooping                        | Yes                              |
| Auto MDI/MDIX Crossover Detection    | Yes                              |
| Fans (Type/Quantity)                 | Fanless                          |



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| STANDARDS & COMPLIANCE              |  |
|-------------------------------------|--|
| Product Compliance                  | RoHS; IEEE 802.1d (STP); IEEE 802.1p CoS/QoS; IEEE 802.1q Tagged VLAN; IEEE 802.1w (RSTP); IEEE 802.3 Auto-Negotiation; IEEE 802.3ab 1000Base-T; IEEE 802.3i 10Base-T; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control |
| WARRANTY & SUPPORT                  |  |
| Product Warranty Period (Worldwide) | 5-year limited warranty  |

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