Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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

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

- 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

Specifications

OVERVIEW	
UPC Code	037332194831

INPUT	
Electrical Consumption	80 watts max.
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
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208/240
Input Phase	Single-Phase
Input Plug Type	NEMA 5-15P

USER INTERFACE, ALERTS & CONTROLS	
Switches	1 included switch enables factory reset

LED Indicators	Power LED (Green for Power On); One LED per RJ-45 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
Minimum Required Rack Depth (inches)	8.1
Minimum Required Rack Depth (cm)	20.57
Shipping Dimensions (hwd / in.)	3.460 x 21.850 x 11.610
Shipping Dimensions (hwd / cm)	8.79 x 55.50 x 29.49
Shipping Weight (lbs.)	7.0600
Shipping Weight (kg)	3.20
Unit Dimensions (hwd / in.)	1.73 x 17.32 x 8.07
Unit Dimensions (hwd / cm)	4.39 x 43.99 x 20.5
Unit Weight (lbs.)	5.4
Unit Weight (kg)	2.45
Color	Black
ENVIRONMENTAL	
Storage Temperature Range	-40 to 158 F (-40 to 70 C)
Relative Humidity	10 to 90% (Non-condensing)
Operating Elevation (ft.)	10,000
Operating Temperature	32 to 104 F (0 to 40 C)
Operating Elevation (m)	3,000
CONNECTIONS	
Ports	26
Network Switch Ports	(24) 10/100/1000 (RJ45); (2) Dedicated SFP
CERTIFICATIONS	
Certifications	Compliant standards: IEEE 802.3ab (1000BASE-T GIGABIT ETHERNET), IEEE 802.3i (10BASE-T ETHERNET), IEEE 802.3u (100BASE-T ETHERNET), IEEE 802.3x (FULL DUPLEX/FLOW CONTROL), IEEE 802.3 (NWAY AUTO-NEGOTIATION), 802.1q(TAGGED VLAN), 802.1d(STP), 802.1w (RSTP), 802.1p (QUALITY OF SERVICE)
Approvals	Tested to: UL 60950-1:2007 (2nd Ed); CAN/CSA C22.2 NO. 60950-1-07 2nd Edition
WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty

Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

https://www.tripplite.com/products/product-certification-agencies