

SHARE THE EXPERIENCE



16 Port - NP3016



24 Port - NP3024

WEBSMART GIGABIT SERIES

Network systems and administrators are constantly under pressure from users to deliver greater speed, response time and quality of service. NetComm's range of 16 and 24 port Web Smart Gigabit Switches provide a simple solution for network engineers to build or upgrade their network infrastructure and deliver real performance gains.

NetComm's Web Smart Gigabit Switches provide a host of Web based management features such as, VLAN, Trunking, Port-Mirroring, Port-Based QoS, Ports Setting for Speed/Disable, flow control and reporting tools. All ports support 10/100/1000Mbps network speeds and are auto-sensing. Ports additionally support Full & Half duplex modes and are auto MDI/MDIX plug-and-play.

By utilising existing low-cost Cat5 and Cat5e Ethernet wiring, NetComm's Gigabit Ethernet Switches can easily be incorporated into your backbone structure, ensuring your enterprise can meet the needs of future growth.



FEATURES

- › Either 16 or 24x10/100/1000Mbps Auto-negotiation Gigabit Ethernet ports
- › All RJ45 ports support auto MDI/MDIX
- › Full/half duplex transfer mode for 10/100Mbps port and full duplex transfer mode for Gigabit speed
- › Wire speed reception and transmission
- › Store-and-Forward switching and support for rate adaptation to ensure data integrity
- › 4 or 8K unicast addresses entities per device, self-learning, and table aging
- › 272 or 400KBytes packet buffer
- › Back pressure flow control for half-duplex
- › Supports IEEE 802.3x flow control for full-duplex mode ports
- › Supports Port-based VLAN, QoS and Trunking
- › Supports Port-mirroring and setting for Speed/Disable, Flow control
- › Easy configuration via WEB Browser
- › Easy setting via Web Management Utility
- › Standard 19" Rack-mount size

SPECIFICATIONS

STANDARDS

- › IEEE 802.3 10BASE-T
- › IEEE 802.3u 100BASE-TX
- › IEEE 802.3ab 1000BASE-T
- › IEEE 802.3x Full Duplex Flow Control

NETWORK MEDIA

- › Ethernet: 2-pair UTP Cat. 3,4,5, up to 100M
- › Fast Ethernet: 2-pair UTP Cat. 5, up to 100M
- › Gigabit Ethernet: 4-pair UTP Cat. 5 plus, up to 100M

PROTOCOL CSMA/CD

TOPOLOGY Star

NUMBER OF PORTS

- › 16 or 24 x 10/100/1000Mbps auto-MDI/MDI-X port with RJ-45 connector

NETWORK DATA TRANSFER RATE

- | | | |
|---------------------|----------|---------------|
| › Ethernet: | 10Mbps | (Half-duplex) |
| | 20Mbps | (Full-duplex) |
| › Fast Ethernet: | 100Mbps | (Half-duplex) |
| | 200Mbps | (Full-duplex) |
| › Gigabit Ethernet: | 2000Mbps | (Full-duplex) |

DATA RAM BUFFERS 272K or 400K Bytes
(16 or 24 Port)

FILTERING ADDRESS TABLE 4 or 8K entries per device

DIAGNOSTIC LEDs

- › Per Unit: Power
- › Per Port: LEDs for Link/ACT, 1000M, 100M

POWER 100 - 240VAC 50/60Hz,
Internal Universal Switching
Power

POWER CONSUMPTION 25 or 32watts (max.)

DIMENSIONS › 440 (w) x 210 (d) x 44 (h) mm

TEMPERATURE Operating: 0 ~ 40 °C

Storage: -10 ~ 70 °C

HUMIDITY Operating: 10% ~ 90% RH

Storage: 5% ~ 90% RH

EMISSION FCC Class A, CE mark Class A,
VCCI-A, C-Tick (N367)

SAFETY cUL (UL 60950),
CB (IEC 60950)

PACKAGE CONTENTS

- › NP3016 or NP3024 Gigabit Ethernet Switch
- › User Guide
- › Power Line Cord
- › Rack mounting brackets

3 YEAR WARRANTY*

1 year warranty out of the box. Extra 2 years FREE with
online registration at www.netcomm.com.au

*Conditional on registration online.

NetComm is Australia's dynamic data communications and
networking solutions provider. For more information on this
and other NetComm products, please visit
www.netcomm.com.au

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