

24 Port Stackable Managed Switch With Expansion Port



This very easy-to-install and low cost IP Stackable Ethernet SNMP managed switch has 24 UTP/STP 10/100Mbit/s copper ports and Expansion Port that can support up to 2 Gigabit fibre or copper ports. The high performance, expandable switch is ideal for connecting technical workgroups and clusters of users to backbone cabling systems. Up to 8 switches can be managed by a single IP address in a single stack.

This professional grade Layer 2+ wire-speed LAN switch easily connects workgroups to remote switches, routers and servers using 1 or 2 RJ45/fibre Gigabit links. For legacy applications, 100Base-FX uplink modules are also available.

Meeting all the relevant industry standards for 10/100/1000Mbit/s Ethernet, installation is 'plug-and-play' and requires little or no technical knowledge.

This switch can be managed in a wide variety of ways to suit different applications. Switches can be easily managed by the Telnet, SNMP, console terminal and Web Browser interfaces. Up to 8 units can be managed in a Stack using a single IP address. This greatly simplifies the provisioning of a fully managed system.

Traffic management and control includes programmable bi-directional bandwidth limiting, MAC address security, VLANs, IGMP Multicasts, programmable Quality of Service priorities, trunking and port mirroring.

Features: -

- Fully compatible with 10Base-T, 100Base-TX Fast Ethernet and Gigabit standards
- Available with 100Base-FX and optical or RJ45 Gigabit uplinks
- Supports full or half-duplex auto-negotiation together with N-Way capability on the RJ45 ports
- Auto-MDI/MDI-X eliminates the need for RJ-45 crossover cables
- Managed and controlled from a Console port, Telnet, SNMP or Web Browser
- IP stackable management supporting 8 separate switches.
- VLANs, IGMP and QoS support
- Static MAC address port security
- Programmable bandwidth rules
- Comprehensive LED indicators
- Programmable port mirroring
- Up to 7 Port Trunks supported
- 802.1x user authentication
- Highly cost-effective solution.

24 Port RJ45 Ethernet SNMP Switch With 2 x Optional Gigabit Uplinks

Ports	24 x 10/100Mbit/s RJ45 and 2 x Gigabit option ports
Interface standards	IEEE802.3 & IEEE802.3u Ethernet at 10/100Mbit/s IEEE802.3z Gigabit Ethernet
RJ45 Copper interface	24 x Shielded RJ-45 ports with Auto MDI/MDI-X sensing
RJ45 Port data rates	10Mbit/s and 100Mbit/s auto-negotiation
RJ45 Duplex mode	Full or half-duplex auto-negotiation and N-Way
Gigabit uplink interfaces	1 x expansion slot up to 2 x RJ45 or optical ports
Gigabit Fibre uplinks	Multimode and Singlemode SC 1000Base-SX/LX
Max. Forwarding rate	14,880pps (10Mbit/s) or 148,800pps (100Mbit/s)
MAC table size	8191 entries, auto-ageing and learning
Packet buffer size	8Mbytes
Management	<ul style="list-style-type: none"> • Console menu via RS232 port on front of switch • TELNET session for remote management • SNMP via Standard and Private MIBs • Web Browser graphical interface
Management security	Passwords and SNMP community strings
Multicast support	IGMP Support for up to 256 groups
Link/System Resilience	IEEE802.1D Spanning Tree Protocol on all ports
VLANs	256 Port and tagged IEEE802.1Q VLANs, GVRP support
QOS	IEEE802.1p Priority support on all ports
Port Trunking	Supports 7 x IEEE802.3ad trunk groups on up to 4 ports
Software update	TFTP on the network or local via terminal port
Internal Power Unit	100 to 240v AC, 50/60Hz at 34 Watts maximum
Emissions	Complies with FCC Class A and CE Class A.
Safety	CE, UL, cUL
Temperature	0...45°C, humidity 10% to 90% non-condensing
Mounting methods	Standalone or 19" rackmount with brackets (supplied)
Dimensions	440mm x 161mm x 44.5mm (L x W x H) at 2Kg

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Order codes	
• 24 Port Stackable Managed Switch	0-1591099-x
Plug-In Option Modules	
• 100Fx SC Multimode Fibre Plug-In Option Module	0-1591094-0
• 100Fx ST Multimode Fibre Plug-In Option Module	0-1591095-0
• 100Fx SC Singlemode Fibre Plug-In Option Module	0-1591096-0
• Dual Gigabit Multimode Sx Plug-In Option Module	0-1591097-0
• Dual Gigabit Singlemode Lx Plug-In Option Module	0-1591098-0
• Dual Gigabit Copper 1000BaseT Plug-In Option Module	2-1591019-0

x = Country/Region suffix code as specified below:-

1 = USA and Canada	5 = Denmark
2 = Europe ex. Italy, Denmark, Swiss.	6 = Australia and New Zealand
3 = Switzerland	7 = UK, Ireland, Singapore
	8 = India, South Africa

<http://www.tycoelectronics.com/products/lanelectronics>