# PROLiNK®

**Challenge The Limit**

# XP3242

## 24 PORT WEB/SNMP SWITCH

PROLiNK XP3242 24 ports Web/SNMP switch is a high performance web-managed SNMP layer 2 switch that provides users with switched 24 10/100Mbps Ethernet and 2 Gigabit ports. It is very suitable for a company to build a network, not only at the beginning phase, but also expanding in the future. The SNMP management and remote control capability, plus plenty of other functions, along with its high quality, XP3242 is easy and carefree to use with no hassle at all. The XP-3242 supports, not only traditional SNMP functions, but also RMON 1,2,3,9 groups for advanced network analysis.

**24 10/100 RJ-45 Ports**

**LED Display For Each Port Status**

- 24 10/100 RJ-45 Ports  • 2 Gigabit Port Module With Copper Ports Or Fibre Ports

- 3M Bit Packet Buffer  • 1M Bit Control Buffer  • Supports 2 Level Priority Queuing

- Supports Flow Control For Both Half Or Full Duplex Operation  • Full Line Speed

- Up To 14K MAC Entries  • 4K VLAN Entries  • Supports IP MultiCast

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# XP-3242 WEB/SNMP SWITCH

## Features

XP-3242 is a high performance web-managed SNMP Layer 2 switch that provides users with switched 24 10/100Mbps Ethernet and 2 Gigabit ports. It is very suitable for a company to build a network, not only at the beginning phase, but also expanding into the future. The SNMP management and remote control capability, plus plenty of other functions, along with its high quality, makes for easy and carefree use. The Gigabit module can either be copper or fiber media; it supports not only 100M fiber modules, but also Gigabit modules such as 10/100/1000M RJ-45 copper ports and Gigabit fiber SC ports with 1000BASE-SX or 1000Base-LX, Gigabit RJ-45 plus GBIC ports, these allow users to increase their network response time at gigabit speeds and with great flexibility. An RS-232 serial port provides an easy way for installation and initial set-up. Non-blocking and maximum wire speed performance are designed on all switched ports, it not only supports Auto-Negotiation, but also AUTO-MDIX function on all switched 24 10/100M RJ-45 ports and two Gigabit Copper ports no matter if in half or full duplex mode. These functions add to the convenience, ease of use, and reduce the matching effort between straight and cross-over line issues. The XP-3242 provides a convenient way to operate a layer 2 management through an Internet browser. User friendly pull-down manual makes learning how to use the XP-3242 easy. It s also easy to control and easy to monitor. The XP-3242 supports, not only traditional SNMP functions, but also RMON 1,2,3,9 groups for advanced network analysis. Uniquely, it supports both port-based VLAN and Tag-based VLAN to catch-up with the new applications coming in the VLAN age. To increase bandwidth applications, it supports 7 groups with up to 4 ports Trunk; and these trunk ports are with fair-over function to provide redundant back-up when one or some of the ports are in malfunction. Total front access design and fully LED status display also adds to the ease of installation, inspection and maintenance efforts at rackmount environments. In addition an extra LED display reflects the fan status to help prevent over-heating issues, if the fan were to malfunction; thus adding to the protection of the unit and the investment.

## Specifications

- Non-blocking, full-line speed, store-and-forward, Max. packet length 1568 byte
- Auto-Negotiation and Auto-MDIX on all 10/100/1000M copper ports
- 24 10/100 RJ-45 ports, and 2 Gigabit port module with copper ports or fiber ports
- 3M bit packet buffer and 1M bit control buffer
- Up to 14K MAC entries and 4K VLAN entries
- Support flow control for both half- or full-duplex operation
- Support Head-of-Line blocking prevention
- Support broadcast storm filtering
- Support port-based VLAN and 802.1Q tag-based VLAN
- Support 802.1v protocol-based VLAN classification
- Support 802.1x Authentication and Authorization
- Support IP Multicast, IGMP snooping
- Support 2-level priority queuing
- Support Port-Trunking with flexible load distribution control and fail-over functions
- Provide 7 trunk groups of up to 4 member ports within 26 ports
- Support ingress port security mode
- Support by-port Egress/Ingress rate control
- Support RMON group 1,2,3,9
- Support Web/SNMP managed function with friendly user interface
- LED display for each port status: link, activity and speed
- LED display for fan status: normal or fail

*Specifications are subjected to change without prior notice*