IXS-24G-L3M-P70 (PoE) / IXS-24G-L3M-4S (Non-PoE)

▶ 24 Port Gigabit L3 Managed Switch

◢ Overview

IXS-24G-L3M-P70 (PoE) / IXS-24G-L3M-4S (Non-PoE) products are L3 Managed Switch with 24 port of RJ45 supporting 10/100/1000Mbps and 4 port of Gigabit SFP.

IXS-24G-L3M-P70 is a very unique PoE+ Switch follows IEEE 802.3af/at standard and it has built-in 700W dual power supply (350w+350w) for power sharing and redundancy. (IXS-24G-L3M-4S is non-PoE Switch).

Easy user-friendly web interface and the significant performance satisfy users as a perfect Managed Switch.

◢ Features

- Stable L3 switch power by the latest Broadcom chipset.
- Support a key VLAN, the port 1-24 isolated from each other, which can effectively inhibit network storms, improve network performance
- Supports IEEE 802.3af/at standard, automatically detects and identifies devices that comply with the IEEE 802.3af /at standard and supply power to it. (IXS-24G-L3M-4S Model do NOT support PoE.)
- Built-in stable 700 (350+350) Watt dual power supply for all ports PoE devices.
- Support Auto MDI/MDIX;
- Adopt store-and-forward exchange method
- With power circuit protection, protect the safety of PD
- Support port without link power saving function
- All ports have wire-speed forwarding capability
- Plug and play, easy to use
- Support 4 SFP ports
- User friendly WEB GUI

◢ Specification

Hardware Specifications -IXS-24G-L3 SERIES	
Network standard	IEEE 802.3: Ethernet Media Access Control (MAC) protocol IEEE 802.3i:10BASE-T Ethernet IEEE 802.3u:100BASE-TX fast Ethernet IEEE 802.3ab:1000BASE-T gigabit Ethernet IEEE 802.3z:1000BASE-X gigabit Ethernet(fiber) IEEE 802.3ae:10GBASE-SR/LR 10G Ethernet(fiber) IEEE 802.3ad: comply link aggregation standard IEEE 802.3x: flow control IEEE 802.1p: About the traffic priority of the second layer of Qos / Cos protocol (multicast filtering) IEEE 802.1q:VLAN Bridge operation IEEE 802.1d:STP spanning tree IEEE 802.1s:MSTP spanning tree IEEE 802.1w:RSTP spanning tree IEEE 802.3af/at
Port	24 10/100/1000Mbps RJ45 port 4 gigabit SFP fiber port 1 Console port
PoE	24 10/100/1000Mbps RJ45 port support PoE Max 700W, Single port max 30W * IXS-24G-L3M-P70 MODEL ONLY
LEDs	28 Link/Act LEDs / 24 POE LEDs / 1 Power LEDs
Performance	Forwarding mode: store and forward Switch Volume (Full-duplex): 56Gbps Packet forwarding rate: 41.664Mpps 16K MAC address table
Input	100-240V / 50-60Hz
Dimension	440×356×44mm (L×W×H)

Software Specifications - IXS-24G-L3 SERIES	
Routing	Support RIP V1/V2 dynamic routing Support static routing
DHCP	Support DHCP server / Support DHCP reply / Support DHCP Snooping
VLAN	Support 4K VLAN Support 802.1Q VLAN, Port VLAN, Voice VLAN
PoE	Support setting the PoE port priority Support setting PoE power supply period Support setting port power * IXS-24G-L3M-P70 MODEL ONLY
MAC address table	Comply the IEEE 802.1d standard Support MAC address learning and aging automatically Support static, dynamic, filter address table
Safety	Based on user rating management and password protection Support based on the port number, IP address, MAC address restrictions on user access Icmp-echo, DoS protection Support DHCP Snooping, DHCP attack protection Support port security, port isolation
Access control (ACL)	Support L2(Layer 2)~L4(Layer 4) packet filtering function Support port mirroring, port redirection, flow rate limit, QoS re-marking
Multicast	Support IGMP v1/v2 Snooping Support static multicast Support multicast VLAN
QoS	Support 8 port queue Support port priority, 802.1p priority, DSCP priority Support SP, RR, WRR, WFQ Priority scheduling algorithm
Spanning Tree	Support STP(IEEE 802.1d), RSTP(IEEE 802.1w) and MSTP(IEEE 802.1s) protocol Support loop protection, BPDU protection
Management and maintenance	Support WEB management(HTTP) Support CLI(Telnet, local serial port) Support SNMP V1/V2/V3, Compatible with public MIBS Support LLDP, RMON Support IP Source protection, DoS protection Support CPU monitor, memory monitoring Support system log Support cable testing
Multicast	Support IGMP v1/v2 Snooping Support static multicast Support Multicast VLAN