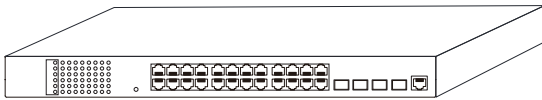# Quick Start Guide

IXS-24G-L3M-P70 / IXS-24G-L3M-4S
IXS-24G-L2M-P70 / IXS-24G-L2M-4S

Please read carefully the instruction manual before use. Depending on the model, the image and the actual look of the product may vary.

* Please visit our website www.intercoax.com to download Manual.
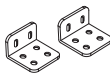
[Rev.2.0]

Package

L3 Switch: IXS-24G-L3M-P70 (PoE) / IXS-24G-L3M-4S (Non-PoE)
L2 Switch: IXS-24G-L2M-P70 (PoE) / IXS-24G-L2M-4S (Non-PoE)

AC Power Code   Bracket   Quick Start Guide

Features

- Stable L3 switch power by the latest Broadcom chipset. (IXS-24G-L2M-XXX Models are L2 switch)

- 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 / IXS-24G-L2M-4S Models 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

Overview

IXS-24G SERIES is L3/L2 Managed Switch with 24 port of RJ45 supporting 10/100/1000Mbps and 4 port of Gigabit SFP.

IXS-24G SERIES PoE Model 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.
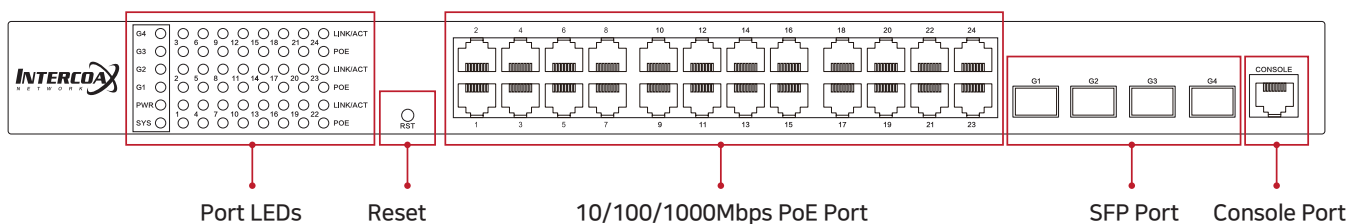
Easy user-friendly web interface and the significant performance satisfy users as a perfect Managed Switch.

➜ IXS-24G-L3M-4S / IXS-24G-L2M-4S Models do NOT support PoE.

Web Login

- Step1: In the normal operation of the device, connect the computer to the switch's RJ45 port by network cables

- Step 2: Manually chang the computer IP address to 192.168.254.X (X is 2 ~ 254), subnet mask is 255.255.255.0

- Step3: Open computer's browser, type 192.168.254.1 in the address box, hit the Enter key

- Step4: Enter the default username and password "admin" and then click Login

- Step5: Entered the switch web management interface successfully, you can begin to configure the switch

Hardware Overview

Port LEDs   Reset   10/100/1000Mbps PoE Port   SFP Port   Console Port

Specification

Hardware Specifications -IXS-24G 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 / IXS-24G-L2M-P70 MODELS 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 SERIES	
Routing	Support RIP V1/V2 dynamic routing Support static routing * IXS-24G-L3M-P70 / IXS-24G-L3M-4S MODELS ONLY
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 / IXS-24G-L2M-P70 MODELS 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

Caution

- Please install the device following the installation guide.
- Do not touch the device and cable with wet hands.
- Keep away from moisture and shock.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
- Indoor use only.
- Do not use for other purposes.
- Do not disassemble or modify this device.
- Do not put any sticker or paint on it.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.

Warranty

- This device has passed the quality control and product inspection.
- Please install and use according to the installation guide.
- The warranty period for this product is 24 months from the date of purchase.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.
- Any damages or breakage from user's abuse, accident, modification or natural disasters will not be covered manufacturer's warranty

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