

28-Port 10G Managed L3 Core switch HYU-NE-SW-M24FM002



Key Features

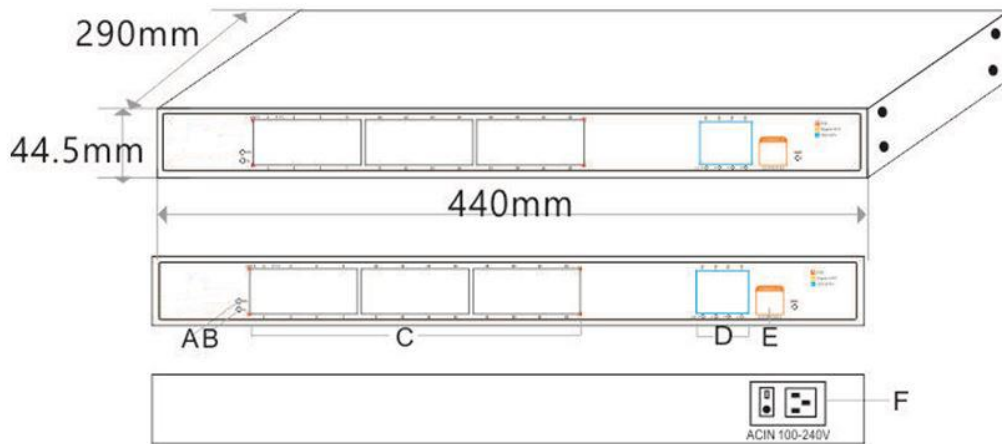
- 24*10/100/1000M RJ45 ports + 4*10G SFP+ ports
- Support L3 Switching features, including Static route, Default route, ARP, VLAN, TRUNK, Mirroring, Port isolation/flow control/speed limit, Storm control, QOS, ACLs etc.
- Support spanning tree STP, RSTP and MSTP.
- Jumbo frames support up to 9.6K kilobytes.
- Support enhanced management through WEB, CLI, TELNET, SNMP
- Support cable diagnosis

Specification

Model	HYU-NE-SW-M24FM002
Ports	24*10/100/1000M RJ45 ports
	4*10G SFP+ ports
Management port	1x Console port
Reset key	1x Reset key, for restore default settings
Switching Capacity	598G
Packet Forwarding Rate	95Mpps @ 64bytes
Operating temperature	-20°C ~ +55°C
Input voltage	AC: 110 ~ 240V/50 ~ 60Hz
Protocol & Standard	IEEE 802.3,10BASE-T Ethernet
	IEEE 802.3u, fast Ethernet Standard
	IEEE 802.3ab, gigabit Ethernet Standard
	IEEE 802.3z, gigabit Ethernet Fiber Standard; (AOC fiber cable)
	IEEE 802.3ae,10G Ethernet Standard
	IEEE 802.3x, full-duplex Ethernet data link layer flow control
MAC	32K
	supports automatic updates, two-way learning
SRAM Buffer	32Mb
Route Function	Max support 144 IPv4/IPv6 static routes or default routes
ARP	Max support 256 dynamic ARP
DHCP	DHCP Client, DHCP Snooping
VLAN	Support up to 4K VLAN
	Support port-based VLAN
	Support 802.1Q tag-based VLAN
Spanning Tree	STP, RSTP, MSTP
Port	Support 4x 10G ports aggregation, support 32x gigabit ports aggregation
Aggregation (TRUNK)	Support 16x groups aggregation
Port Mirroring	Support multiple to single Port mirroring, no limit for quantity of mirroring source ports
Port Isolation	Support downstream ports isolated from each other, while opening communication with upstream ports
Port Flow Control	Support half-duplex back pressure based control
	Support full-duplex PAUSE frame based control
Port Speed Limit	Support port-based input/output bandwidth management
Storm Control	Prevents traffic on a LAN from being disrupted by a broadcast, multicast, or unicast storm on a port
	Support port storm threshold setting
Security Features	Hardware support port-based IP+MAC Binding; Hardware support port-based ARP inspection detection;

QOS	SP (Strict Priority)
	WFQ (Weighted Fair Queuing)
	WRR (Weighted Round Robin)
	Head Of Line
	Best-Effort Service
	First come first served
	802.1p
	Cos/Tos, QOS
	Differentiated Service
Network Cable Line Sequence	Support Auto-MDIX, automatic Identification straight-through cable and crossover cable
Cable diagnosis	Support cable diagnosis, Cable quality (differential pair impedance 85ohm ~ 125ohm), cable length, a short-circuit line
Negotiation Mode	Support port auto-negotiation function (auto-negotiation transmission rate and duplex mode)
System Maintenance	Support configuration file upload/download
	Support update packet upload
	Support WEB reset
	Reset by pressing key
	Support system log save/output
Network Management	Support WEB management
	Support CLI management

Dimensions



- A. PWR LED Indicator
- B. SYS LED Indicator
- C. 24*10/100/1000M RJ45 Ports
- D. 10G SFP Port
- E. Console Port
- F. Power Input Port - AC100-240V, 50/60Hz

Application

