

## Access Switch

### HSP-IO-48GE4XS-C1PA

48-Port PoE/PoE+ L2 Managed Switch (48x1G access + 4x1/10G SFP+ uplinks)



## Overview

- Fully Managed L2 Switch with wire speed Non-Blocking Architecture
- All Gigabit Ethernet Access Ports with 4x10G SFP+ Uplinks in a fixed 1U configuration
- 48x10/100/1000M Base-T PoE/PoE+ Access ports
- Uplink Ports that allow termination on either fiber or copper based on SFP module
- Powerful WebGUI and Industry-standard Command Line Interface
- Upto 176 Gbps Switching capacity and up to 130.944 MPPS of Full Duplex Throughput
- Comply with Energy Efficient Ethernet Standards (802.3az)
- PoE Variants Suitable as access or aggregation switch and deployment of Wi-Fi AP/CCTV/IP Phones

## Switch Ports

- 48x10/100/1000M Base-T PoE/PoE+ Gigabit Access Ports
- 4x1/10G SFP+ Uplink Ports (MSA Compliant) with the flexibility to terminate the connection on copper or fiber-based SFP module
- One Serial Console Port
- Link / Speed / LED Status on All ports.
- Reset Button

## Industry Standard Management with Automation

- CLI and WebGUI
- Dual Stack (IPv4 and IPv6) Management
- Telnet, SSH and SNMP v1/v2c/v3, RMON, Syslog
- STP, TFTP, Port Mirroring
- DHCP Client (IPv4/IPv6) and Relay (IPv4)

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## KEY FEATURE HIGHLIGHTS



### Rich L2 Features

- Support 4094 VLAN IDs, 256 Active VLANs, 802.1q VLAN tagging, GVRP, 32K MAC Table
- L2 Loop Avoidance – STP/RSTP, MSTP
- Multicast - ACL Filtering, IGMP Snooping, MLD Snooping
- LACP based LAG and Static LAG, LLDP
- QoS – Packet Classifier and Scheduling (SP, WRR), Class of Service, DSCP
- Jumbo MTU upto 9216 Bytes

### PoE Features

- PoE Budget - 740W
- Per port PoE configuration

### Power Supply Options

- Integrated Single AC Power Supply (100-240 VAC)

### Security Features

- L2/L3/L4 ACL with extended features
- 802.1X Port Authentication with RADIUS
- DHCP snooping, IP Source Guard
- Port Security, IP-MAC Static binding
- Storm Control - Broadcast, Multicast and Unknown Unicast

### Switching / Forwarding Capacity

Switching Capacity	176 Gbps
Forwarding Capacity	130.944 Mpps

### Design Parameters

- Operating Temperature: 0°C to 40°C
- 1U fixed configuration
- Humidity: 5% to 95% non-condensing

### Ordering Information

Model No.	Description
HSP-IO-48GE4XS-C1PA	IO, 48-Port, PoE/PoE+, L2 Managed Switch, 4x1/10G SFP+ Uplinks, Single AC Power Supply
HSP-IO-Cable-AC-IN	AC Power Cable, 1.5M (India Plug Type-C BIS)
HSP-IO-Cable-AC-US	AC Power Cable, 1.5M (US Plug, Type-A)
HSP-IO-Cable-AC-EU	AC Power Cable, 1.5M (Europe Plug, Type-C)
HSP-IO-Cable-AC-UK	AC Power Cable, 1.5M (UK Plug, Type-G)
HSP-IO-Cable-AC-AU	AC Power Cable, 1.5M (Australia Plug, Type-I)

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