

Access Switch

HSP-IO-48GE4XS-C1A

48-Port Non 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 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)
- Non-PoE Variants Suitable as access or aggregation switch in Enterprise/ Campus/ Telco Environment

Switch Ports

- 48x10/100/1000M Base-T 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)

HSP-IO-48GE4XS-C1A

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

Design Parameters

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

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

Power Supply Options

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

Ordering Information

Model No.	Description
HSP-IO-48GE4XS-C1A	IO, 48-Port, Non-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)

Disclaimer: HFCL, IO by HFCL, and their respective logos are trademarks and/or registered trademarks of HFCL Limited. HFCL Limited assumes no responsibility for any inaccuracies in this document and reserves the right to revise or transfer this document without notice. All other trademarks, service marks, registered marks, or registered service marks mentioned herein are the property of their respective owners.

Last Updated June 27, 2024



Suite 2101, Bahrain Financial Tower (West Tower)
P.O. Box 2591, Kingdom of Bahrain

☎ 17565171 © 17565171 ✉ enquiries@northstar-telecom.net

www.northstar-telecom.net