DATASHEET

io by **HFCL**

Access Switch

HSP-IO-24GE4XS-C1A

24-Port Non-PoE L2 Managed Switch (24x1G access + 4x10G SFP+ uplinks)

Overview

- Fully Managed Network Switch with wire speed Non-Blocking Architecture
- All Gigabit Ethernet Access Ports with 4x1/10G SFP+ Uplinks in a fixed 1U configuration
- 24x10/100/1000M Base-T Access ports
- Uplink ports that allow termination on fiber and copper, based on the SFP as required
- Powerful WebGUI and Indusry-standard Command Line Interface
- Upto 128 Gbps Switching capacity and up to 95.232 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

- 24x10/100/1000M 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
- SNTP, 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, 16K 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
- Humidity: 5% to 95% non-condensing

Security Features

- L2/L3/L4 ACL
- 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	128 Gbps
Forwarding Capacity	95.232 Mpps

Power Supply Options

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

Ordering Information	
Model No.	**Description**
HSP-IO-24GE4XS-C1A	IO, 24-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)

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