

# Access Switch

## HSP-IO-8GE2S-C1PA

8-Port PoE/PoE+ L2 Managed Switch (8x1G RJ45 access & 2x1G RJ45 + 2x1G SFP uplinks)



### Overview

- Fully Managed L2 Switch with wire speed Non-Blocking Architecture
- All Gigabit Ethernet Access Ports with 2x1G RJ45 and 2x1G SFP uplinks in a fixed 1U configuration
- 8x10/100/1000 Base-T PoE/PoE+ Access ports
- Uplink ports that allow termination on fiber and copper, based on the SFP as required
- Powerful WebGUI and Industry-standard Command Line Interface
- Upto 24 Gbps Switching capacity and up to 17.856 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

- 8x10/100/1000 Base-T PoE+ Gigabit Access Ports
- 2x1G RJ45 and 2x1G SFP Uplink Ports (MSA Compliant) provides flexibility to terminate either use fiber of copper cable
- 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-8GE2S-C1PA

## KEY FEATURE HIGHLIGHTS



### Rich L2 Features

- Support 4094 VLAN IDs, 256 Active VLANs, 802.1q VLAN tagging, GVRP, 8K 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 - 130W
- Per port PoE configuration

### Power Supply Options

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

### 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** 24 Gbps

**Forwarding Capacity** 17.856 MPPS

### Design Parameters

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

## Ordering Information

Model No.	Description
<b>HSP-IO-8GE2S-C1PA</b>	IO, 8-Port, PoE/PoE+, L2 Managed Switch, 2x1G RJ45 and 2x1G SFP Uplinks, Single AC Power Supply
<b>HSP-IO-Cable-AC-IN</b>	AC Power Cable, 1.5M (India Plug Type-C BIS)
<b>HSP-IO-Cable-AC-US</b>	AC Power Cable, 1.5M (US Plug, Type-A)
<b>HSP-IO-Cable-AC-EU</b>	AC Power Cable, 1.5M (Europe Plug, Type-C)
<b>HSP-IO-Cable-AC-UK</b>	AC Power Cable, 1.5M (UK Plug, Type-G)
<b>HSP-IO-Cable-AC-AU</b>	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 28, 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](http://www.northstar-telecom.net)