

## Access Switch

### HSP-IO-8GE2S-C2PA+

8-Port PoE/PoE+ L2 Managed Switch  
(8x1 GE access + 2x1G SFP and 2x1G RJ45 uplinks)



### Overview

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

- 8x10/100/1000 Base-T PoE+ Gigabit Access Ports
- 2x100/1000 SFP Uplink Ports (MSA Compliant) and 2x100/1000 RJ-45 and provides flexibility to terminate either use fiber of copper cable
- One Serial Console Port
- Link / Speed / LED Status on All ports
- System status LED

### Industry Standard Management with Automation

- CLI and WebGUI
- Dual Stack (IPv4 and IPv6) Management
- Telnet, SSHv2 and SNMP v1/v2/v3, RMON, sFlow
- NTP, FTP, TFTP, SCP, SFTP, Port Mirroring, Traceroute
- DHCP Server, Relay and Client
- TDR (Time domain reflectometry) for cable diagnostics
- Zero Touch Provisioning

# HSP-IO-8GE2S-C2PA+

## KEY FEATURE HIGHLIGHTS



### Rich L2 Features

- Support 4094 VLAN IDs, 8K MAC Table, Voice VLAN, IP-subnet VLAN, Protocol VLAN, Private VLAN, MAC based VLAN
- L2 Loop Avoidance – STP/RSTP, MSTP, STP Root and Edge Port Protection
- Multicast - IGMP v1/v2/v3 Snooping, IGMP filtering, IGMP proxy, MLD Snooping
- LACP based LAG and Static LAG with Traffic load share and active –standby policies
- Static Routing & Inter-VLAN Routing, Dual Stack and IPv6 Compliant
- 802.1q and QinQ (Port based), MVRP
- QoS – Up to eight priority queues, Rate Limiting/ Policing, Shaping (SP, WRR), Multi-Field (802.1p / DSCP) Classification and Remarking
- LLDP / LLDP MED to identify end points, IP Phones etc.
- Jumbo MTU upto 9216 Bytes

### PoE Features

- PoE Budget - 130W
- Per port PoE configuration and scheduling
- Auto PoE Check and reboot if device does not respond
- Persistent PoE and Power Delay (to let the device boot)

### Security Features

- L2/L3/L4 ACL with extended features
- 802.1X Port Security with Radius Accounting & Dynamic VLAN Assignment
- TACACS+ / RADIUS AAA
- DHCP snooping, Dynamic ARP Inspection
- Port Security, Sticky MAC, IP-MAC Binding
- Storm Control - Broadcast, Multicast and Unknown Unicast

### Design Parameters

- Operating Temperature: 0°C to 50°C
- 1U fixed configuration
- Humidity: 10% to 90% non-condensing
- Altitude: 3000 Meters (10,000 Feet)
- Dimension (WxHxD): 220 x 44 x 242 mm

### Power Supply Options

- Integrated Single AC Power Supply

### Switching / Forwarding Capacity

**Switching Capacity** 24 Gbps

**Forwarding Capacity** 17.856 MPPS

## Ordering Information

Model No.	Description
<b>HSP-IO-8GE2S-C2A+</b>	IO, 8-Port, Non-PoE, L2 Managed Switch, 2x1G SFP and 2x1G RJ45 Uplinks, Single AC Power Supply
<b>HSP-IO-Cable-AC-IN</b>	AC Power Cable, 1.5M (India Plug)

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**Email:** iosupport@hfcl.com

**Website:** hfcl.com | io.hfcl.com

**Office:** 8, Commercial Complex, Masjid Moth, Greater Kailash II, New Delhi 110048