

## Aggregation Switch

### HSP-IO-8GE2S-I2PDH

8-Port PoE+ L2 Managed Industrial Switch with 2x1G SFP and 2x1G RJ45 Uplinks



### Overview

- Fully Managed L2 Switch with wire speed Non-Blocking Architecture
- All Gigabit Ethernet Ports in a fixed configuration
- Four 1G PoE+ Capable Access ports
- Upto 24 Gbps Switching capacity and up to 12 Gbps of Full-Duplex Throughput
- Four 1G Uplink Ports that allow termination of both fiber and copper simultaneously
- Dual Redundant Power supply for high availability
- Rugged Design with DIN rail mount suitable for outdoor applications
- Suitable in an enterprise / telco / campus environments to connect end PoE clients like Wi-Fi AP, CCTV, P2P, P2MP, IoT etc.

### Switch Ports

- 8x10/100/1000 Base-T Gigabit Access Ports with PoE+ support.
- 2x10/100/1000 Base-T + 2x1G SFP Gigabit Uplink Ports with the flexibility to terminate the connection on copper as well as fiber simultaneously.
- One Serial Console Port
- Link / Speed / LED Status on all ports
- System status LED & onboard RESET button

### Industry Standard Management with Automation

- CLI and GUI (with NMS Server)
- Dual Stack (IPv4 and IPv6) Management
- Telnet, SSHv2 and SNMP v1/v2/v3 support
- NTP, FTP, TFTP, SCP, SFTP, Port Mirroring, Traceroute
- DHCP Relay & Client\*
- Built-in Event Policy / Scheduler Framework for Automation
- Zero Touch Provisioning

\*Contact sales representative for use case

# HSP-IO-8GE2S-I2PDH

## KEY FEATURE HIGHLIGHTS



### Rich L2 Features

- Support 4094 VLAN IDs, 16K MAC Table, Voice VLAN
- L2 Loop Avoidance – STP/RSTP, MSTP, ERPS, STP Root and Edge Port Protection
- Multicast - IGMP v1/v2/v3 Snooping, IGMP filtering, IGMP proxy
- 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 and Selective), MVRP
- QoS – Up to eight priority queues, Rate Limiting/Policing, CIR/ EIR, Shaping (SPQ / WRR/ WFQ), Multi-Field (802.1p / DSCP) Classification and Remarking
- LLDP / LLDP MED to identify end points, IP Phones etc.
- Jumbo MTU upto 9198 Bytes

### Certifications

- Environment: IEC 60068-2, QM-333, RoHS
- EMI/EMC: EN 55024, EN 55032, CISPR 24, CISPR 32, IEC 61000-4
- Safety: EN 62368-1, IEC 62695-11-10, IEC 60320-1
- Software: IPV6 Ready Logo Certified

### Security Features

- L2/L3/L4 ACL
- 802.1X Port Security with Radius CoA, dACL, Accounting & Dynamic VLAN Assignment
- TACACS+ / RADIUS AAA
- DHCP snooping, ARP Inspection
- MAC-IP Anti spoofing, MAC Address Notification
- Inherent DoS Attack Prevention
- Storm Control - Broadcast, Multicast and Unknown Unicast

### Switching / Forwarding Capacity

**Switching Capacity** 24 Gbps

**Forwarding Capacity** 17.86 MPPS

### Design Parameters

- Operating Temperature: -40°C to 75°C
- Rugged Design with DIN Rail Mount as well as Rack Mount options

### Power Supply Options

- Dual AC Power Supply

## Ordering Information

Model No.	Description
HSP-IO-8GE2S-I2PDH	IO, 8-Port PoE+ L2 Managed Industrial Switch with 2x1G SFP and 2x1G RJ45 Uplinks and Dual DC Power Supplies

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