

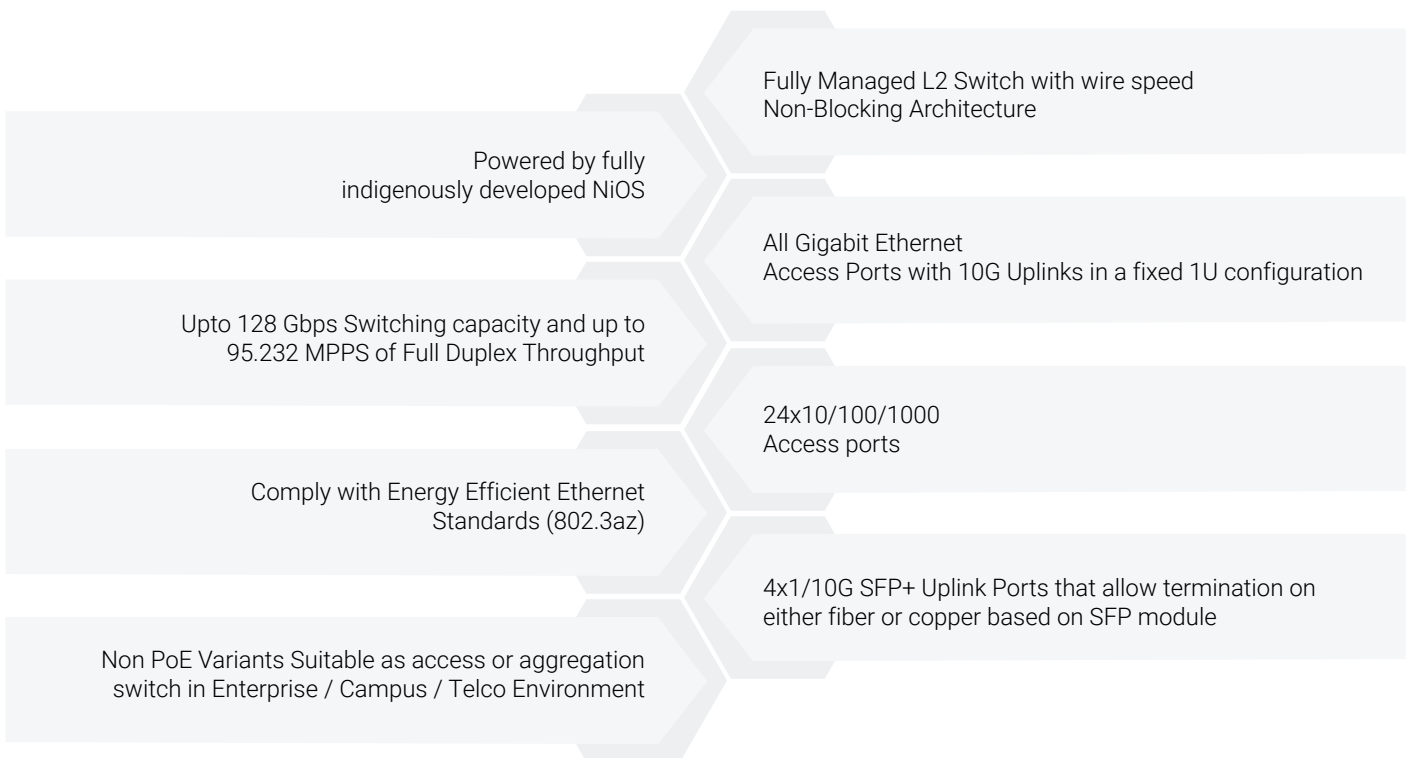
Aggregation Switch

HSP-IO-24GE4XS-C2AH

24-Port Non-PoE L2 Managed (24x1 GE access + 4x1/10 GE uplink)



Overview



Switch Ports

- | | |
|---|--|
| 1 | 24x10/100/1000 Base-T Gigabit Access Ports |
| 2 | 4x1/10G SFP+ Uplink Ports (MSA Compliant) with the flexibility to terminate the connection on copper or fiber-based SFP module |
| 3 | One Serial Console Port |
| 4 | One RJ45 Management Port |
| 5 | Link / Speed / LED Status on All ports. |
| 6 | System status LED |

Industry Standard Management with Automation

- | | |
|---|--|
| 1 | CLI and GUI (with NMS Server) |
| 2 | Dual Stack (IPv4 and IPv6) Management |
| 3 | Telnet, SSHv2 and SNMP v1/v2/v3 support |
| 4 | NTP, FTP, TFTP, SCP, SFTP, Port Mirroring, Traceroute |
| 5 | DHCP Relay & Client* |
| 6 | Built-in Event Policy / Scheduler Framework for Automation |
| 7 | Zero Touch Provisioning |

*Contact sales representative for use case

HSP-IO-24GE4XS-C2AH

Key Feature Highlights



Rich L2 Features

- 1 Support 4094 VLAN IDs, 16K MAC Table, Voice VLAN
- 2 L2 Loop Avoidance – STP/RSTP, MSTP, ERPS, STP Root and Edge Port Protection
- 3 Multicast - IGMP v1/v2/v3 Snooping, IGMP filtering, IGMP proxy
- 4 LACP based LAG and Static LAG with Traffic load share and active –standby policies
- 5 Static Routing & Inter-VLAN Routing, Dual Stack and IPv6 Compliant
- 6 802.1q and QinQ (Port based and Selective), MVRP
- 7 QoS – Up to eight priority queues, Rate Limiting/Policing, CIR/EIR, Shaping (SPQ / WRR/ WFQ), Multi-Field (802.1p / DSCP) Classification and Remarking
- 8 LLDP / LLDP MED to identify end points, IP Phones etc.
- 9 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 128 Gbps

Forwarding Capacity 95.232 MPPS

Design Parameters

- Operating Temperature: 0°C to 55°C
- Fans for Cooling
- 1U fixed configuration

Power Supply Options

- 1 Dual AC Power Supply

Ordering Information

Model No.	Description
HSP-IO-24GE4XS-C2AH	io, 24-Port, Non-PoE, L2 Managed Switch, 4x1/10G SFP+ Uplinks, Dual AC Power Slot
HSP-IO-PSU-300	Modular AC Power Supply, 300Watts
HSP-IO-Cable-AC-IN	AC Power Cable, 1.5M (India Plug)