

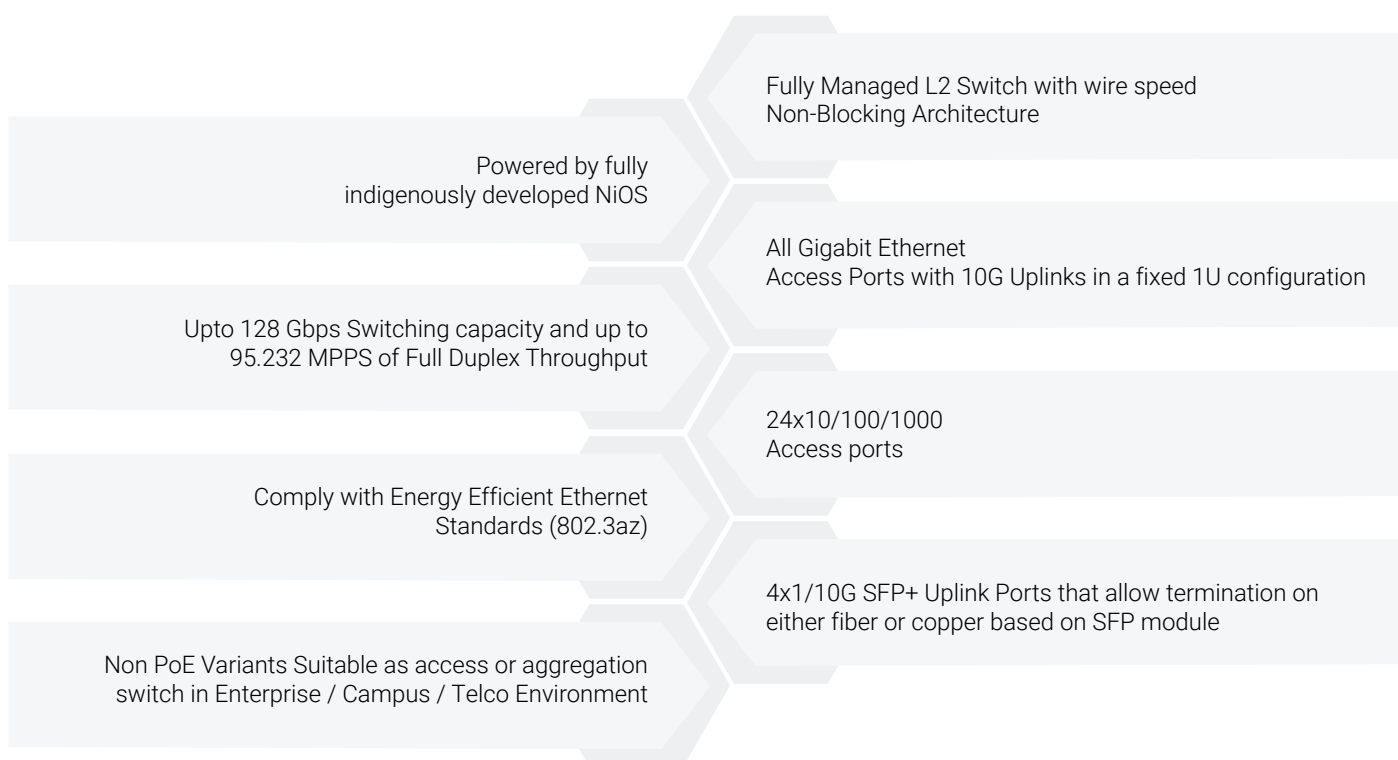
Aggregation Switch

HSP-IO-24GE4XS-C2A

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



Overview



Switch Ports

- 24x10/100/1000 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
- One RJ45 Management Port
- Link / Speed / LED Status on All ports.
- System status LED

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-24GE4XS-C2A

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 50°C
- 1U fixed configuration

Power Supply Options

- 1 Single AC Power Supply

Ordering Information

Model No.	Description
HSP-IO-24GE4XS-C2A	io, 24-Port, Non-PoE, L2 Managed Switch, 4x1/10G SFP+ Uplinks, Single AC Power Slot
HSP-IO-Cable-AC-IN	AC Power Cable, 1.5M (India Plug)