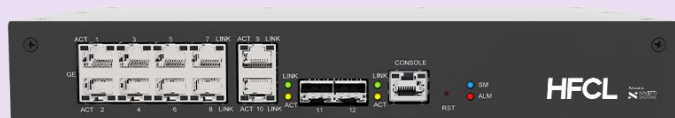


Commercial Access Switch

8-Port L2 Managed

HSP-10-8GE2S-C2U



Description:

HFCL 8-Port L2 Managed Switch with 2x1G SFP and 2x1G RJ45 Uplinks and Universal Power Supplies

Overview:

- Fully Managed L2 Switch with wire speed Non-Blocking Architecture.
- All Gigabit Ethernet Ports in a fixed configuration.
- Eight 1G Access ports.
- Four 1G Uplink Ports that allow termination of both fiber and copper simultaneously.
- Universal Power Supplies (AC+DC).
- Upto 24 Gbps Switching capacity and up to 12 Gbps of Full-Duplex Throughput.
- Suitable in an Enterprise, Telco, Campus environments to connect end PoE clients like Wi-Fi AP, CCTV, P2P, P2MP, IoT etc.

Key Feature Highlights

All Gigabit Ports	Access Non-PoE ports and Uplink ports with both copper and fiber termination options. Support Auto MDIX as well as Auto-Negotiation on RJ45 based ports.
Go-Green	Comply with Energy Efficient Ethernet Standards (802.3az).
Secured OS	Powered by fully indigenously developed NiOS with Security hardened protocol stack and features like L2/L3/L4 ACL, DHCP snooping, Dynamic ARP Inspection, 802.1x Port Security with dACL.
Rich L2 Features	Dual-Stack (IPv4/IPv6) Support, 4K VLAN, 16K MAC, L2 loop avoidance mechanisms like STP, RSTP, MSTP, ERPS, L2 Multicast (IGMP), QoS, Static Routing
Industry Standard Management	Support secured management access over CLI and Web with built-in scripting and event scheduler framework.
Power Supply Flexibility	The Universal Supply with option of either connecting to an AC or DC input

Switch Ports

- 1 8x10/100/1000 Base-T Gigabit Access Ports.
- 2 2x10/100/1000 Base-T + 2x1G SFP Gigabit Uplink Ports with the flexibility to terminate the connection on copper as well as fiber simultaneously.
- 3 One Serial Console Port.
- 4 Link / Speed LED Status on All ports.
- 5 System status LED & onboard RESET button.

Switching / Forwarding Capacity

Switching Capacity 24 Gbps

Forwarding Capacity 17.86 MPPS

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 and 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 9K Bytes.

Security Features

- 1 L2/L3/L4 ACL.
- 2 802.1X Port Security with Radius CoA, dACL, Accounting & Dynamic VLAN Assignment.
- 3 TACACS+ / RADIUS AAA.
- 4 DHCP snooping, ARP Inspection, IPv6 ND Inspection.
- 5 MAC-IP Anti spoofing, MAC Address Notification.
- 6 Inherent DoS Attack Prevention.
- 7 Storm Control - Broadcast, Multicast and Unknown Unicast.

Industry Standard Management with Automation

- 1 CLI and GUI options.
- 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 and Client*
- 6 Built-in Event Policy / Scheduler Framework for Automation.
- 7 Zero Touch Provisioning.

** contact sales representatives for use case*

Power Supply Options

- 1 The Universal Supply with option of either connecting to an AC or DC input
- 2 Operating voltage range: AC: 100V to 240V AC, DC: -36V to 57V DC

Other Design Parameters

- 1 Operating Temperature: 0°C to 55°C
- 2 1U Fixed Configuration and 19 Inch Rack Mountable
- 3 Passive Cooling with Fan less design

Certifications

- 1 Environment: IEC 600682, QM-333
- 2 EMI/EMC: EN 55024, EN 55032, CISPR 24, CISPR 32, IEC 61000-4
- 3 Safety: EN 62368-1, IEC 60695-11-10, IEC 60320-1



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