

HSP-IO C1 Series Cloud Managed Network Switches

# High-Performance, Scalable L2 Managed Switches for Diverse Networks and Future Readiness

8-Port | 24-Port | 48-Port Configurations with PoE+ Options

## Use Cases



Smart and Safe City Deployments



Healthcare Facilities



Educational Institutions



Retail & Hospitality



SOHO Environments



# C1 Series Network Switches

## Powered by IO by HFCL for Superior Networking

The HSP-IO C1 Series Network Switches delivers high-performance switching capabilities with comprehensive L2 management features. Available in PoE+, the HSP-IO C1 Series Cloud Managed Switches offers flexible deployment options with 8, 24, and 48-port configurations, making it ideal for diverse enterprise environments. Each model features high-speed uplink ports with the flexibility to terminate on either fiber or copper, enabling seamless network expansion and future-proof connectivity.

The HSP-IO C1 Series stands out with its wire-speed non-blocking architecture and robust PoE+ capabilities, offering generous power budgets up to 740W for the 48-port model. This makes it perfect for powering VoIP phones, wireless Access Points, IP cameras, and other PoE devices. All switches in the series support advanced security features including L2/L3/L4 ACL, RADIUS authentication, and DHCP snooping, ensuring comprehensive network protection.

**For businesses seeking scalable, secure, and efficient network infrastructure, the HSP C1 Series Network Switches deliver a powerful combination of features designed to meet diverse networking demands:**

1. Advanced L2 Management with intuitive WebGUI and CLI
2. Full PoE+ support with high power budgets (up to 740W)
3. High-speed uplinks (1G/10G SFP+) for flexible connectivity
4. Comprehensive VLAN support (up to 4094 VLANs)
5. Multi-layer security features
6. Energy Efficient Ethernet compliance (IEEE 802.3az)

## Salient Features

### 8-Port Compact Switch (PoE+ Variants)

- 8 Gigabit Ethernet Access Port
- 2x1G SFP and 2x1G RJ-45 Uplink Ports
- Upto 24 Gbps Switching Capacity
- Upto 17.86 MPPS of Full Duplex Throughput

### 48-Port High-Density Switches (PoE+ Variants)

- 48 Gigabit Ethernet Access Port
- 4x1/10G SFP+ Uplink Ports
- Upto 176 Gbps Switching Capacity
- Upto 130.94 MPPS Full Duplex Throughput

### 24-Port Scalable Switches (PoE+ Variants)

- 24 Gigabit Ethernet Access Port
- 4x1/10G SFP+ Uplink Port
- Upto 128 Gbps Switching Capacity
- Upto 95.23 MPPS Full Duplex Throughput

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