



10-Port Full Gigabit Industrial PoE+ Switch – Datasheet

Overview

10-port full gigabit industrial web-managed switch with 8× 10/100/1000M PoE+ RJ45 ports and 2× 100/1000BASE-X SFP uplink ports. Supports IEEE802.3af/at with a PoE budget up to 240W. Features include ERPS, ACL, VLAN, IGMP Snooping, SNMP, 6KV surge protection, and ESD protection up to 8KV contact / 15KV air. Suitable for security monitoring, network engineering and more.

Features

- Web management (ERPS, ACL, VLAN, IGMP Snooping, SNMP, PoE & ports management)
- 6KV surge protection; 8KV contact / 15KV air ESD protection
- Operating temperature –40°C to 75°C
- Supports wall mounting and desktop installation

Specifications

Parameter	Value
Protection Level	IP40
Power	DC 12–57V (PoE models require >48V)
Consumption	Self consumption <15W
Downlink Ports	1–8: 10/100/1000Base-T PoE+ RJ45 (IEEE 802.3af/at)
Uplink Ports	9–10: 1000M SFP slots
Relay Alarm	Power failure or port link-off alarm output
Standards	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch Fabric	20Gbps
Throughput	14.88Mpps

Buffer	1Mb
MAC Address Table	4K
Indicators	Power (2× Red); Alarm (1× Red); Uplink (Green); Downlink (Green/Yellow PoE)
Protection	Surge 6KV (IEC61000-4-5); ESD 8KV contact / 15KV air (IEC61000-4-2)
Working Temperature	-40°C to 75°C
Storage Temperature	-40°C to 85°C
Humidity	0–95% (non-condensing)
Dimensions	165 × 114 × 50 mm
Material	Aluminum
Color	Black
Net Weight	1000g

Software Features

Port Configuration

- Port Enable/Disable
- Auto-negotiation
- Flow Control
- Bandwidth control
- EEE enable/disable
- Port mirroring

Port Status

- Displays link, speed, negotiation, duplex, flow control

Link Aggregation

- Static LACP

VLAN

- 802.1Q
- 802.1ad Q-in-Q
- Up to 4096 VLAN IDs

ACL

- Port-based ACL

IGMP Snooping

- Enable/Disable

Loop Detection

- Enable/Disable

Ring Protocol

- ERPS (ITU-T G.8032), recovery <500ms

QoS

- Strict priority / WRR
- 8-level priority
- Classification: CoS/802.1p, DSCP

Security

- SSH, Telnet, HTTP/HTTPS
- Protected ports

System Management

- Telnet, Web, SNMPv1/v2c/v3
- SSHv2, TLS1.2
- Firmware upgrade via HTTP
- Config upload/download
- LLDP, SNMP, Syslog

SNMP MIBs

- RFC1213, RFC2863, RFC1493, RFC1643, RFC2665, RFC2737, RFC2819, RFC3411