

GPS8075

Eight Port PoE G.bit Switch

- ◆ **Management Gigabit Switch**
- ◆ **IEEE 802.3af Compatible**
- ◆ **Support 8 G.bit POE and 1 SFP port**



- ★ **Support 8 PoE 10/100/1000Mbps RJ45 and 1 SFP port.**
- ★ **Support IEEE802.3af and Cisco legacy PD.**
- ★ **Support Dynamic Power Management function.**
- ★ **Support Hi-Power output function.**
- ★ **Support Console and WEB management.**

GPS8075 Specification :

◆Physical Ports :

7 RJ45 10/100/1000Base-T ports plus 1 Combo G (RJ-45/SFP) ports.

◆Performance:

- *Switching Capability: 18 Gbps.
- *Forwarding Rate: 13.3Mpps.
- *MAC Address Table Size: 8K.
- *Packet Buffer Size: 144KB.

◆L2 Features:

- *Auto-negotiation for port speed and duplex mode Flow Control:
 - IEEE 802.3x for full duplex mode.
 - Back-Pressure for half duplex mode.
- *Spanning Tree Protocol:
 - IEEE 802.1D Spanning Tree Protocol(STP).
 - IEEE 802.1w Rapid Spanning Tree Protocol(RSTP).
- *VLANs:
 - Supports 255 IEEE 802.1Q VLANs.
 - Port-based VLANs.
- *Link Aggregation:
 - Static Trunk.
 - IEEE 802.3ad Link Aggregation Control Protocol.
 - Trunk groups: 4 Groups, Trunk links: 2 ~ 8.
- *Supports jumbo frames up to 9.6KB.

◆QoS Features

- *Priority Queues: 4 hardware queues per port
- *Traffic classification:
 - Based on IEEE 802.1p(8 classes).
 - DSCP.
- *Supports WRR and Strict priority.
- *Storm Control: Unknown / Multicast / Unicast.
- *Bandwidth Control: Ingress Port Mirroring.

◆Security:

- *Supports IEEE 802.1x port-based access control.
- *Management access filter configuration.
- *Password-protection on web interface.

◆PoE Function:

- *Support IEEE802.3af and Cisco Legacy PD Units.
- *Hi-Power Function Support:
 - Port1 and Port2 : 25W Maximum Output Power.
 - Port3 ~ Port8 : 20W Maximum Output Power.
- *Dynamic Power Management Function:
 - 75W power budget for PoE.

◆Management:

- *Switch Management:
 - Web management.
 - RS232 console.
- *Firmware & Configuration:
 - Web based software upgrade.
 - Web based configuration file up/download.
 - Restore to Factory default.

◆Dimension:

33.5 * 20.3 * 4.4 cm.

◆Power input:

85--265 VAC @ 47--63Hz.

◆Environment:

- *Operating Temperature: -15°C--50°C.
- *Operating Humidity: 10%--90%RH.
- *Storage Temperature: -40°C--70°C.
- *Storage Humidity: 5%--95%RH.



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