

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 WEN 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.

◆ OoS 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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