



V5808

Product Guide

V5808



Overview

As the number of services using internet communication such as broadband internet, internet phone, and IPTV is increasing, the need for high performance network equipment is increasing. This is not an exception in areas where population density is low and where there are few subscribers. You can plan more effectively in terms of the cost of network deployment.

The V5808 is a compact GPON OLT system with eight GPON ports, four 1G / 10GBase-R ports for uplinks, and four 1000Base-T ports, making it suitable for low-density and FTTx services at low cost. It

The V5808 supports Gigabit ports and can be used in a variety of network environments. In addition, the redundant configuration of the power supply is realized, and the network system is not interrupted, ensuring stable service.

Specifications

KEY FEATURES

- 118 Gbps switching capacity
- 8 GPON ports, 10GE 4 ports and GE (Electric) 4 ports

- High Capacity Uplink / Service Interface 2.5Gbps (down) / 1.25Gbps (up)
- Reliable FTTx service with power redundancy system
- Enhanced QoS services
- IGMP support for IPTV
- Fully Managed via Dasan's INAS Element Manager
- Increased reliability through power redundancy
- Comfortable network management with SNMPv2 / v3 and RMON

DIMENSIONS

Size (W x H x D)

- 440 x 44 x 300mm

POWER

Input Power

- AC type : 100-240VAC, 50/60Hz
- DC type : -48/60VDC

INTERFACES

Service 포트

- 8 GPON(SFP, SC/PC type)

Uplink Ports

- 4 GE Electric Port [100/1000Base-T (RJ45)]
- 4 1G/10GBase-R (SFP+) ports

MGMT Ports

- 1 100/1000Base-TX (RJ45)

Console Port

- 1 Console (RS232)

PROTOCOL SUPPORT

Layer 2

- Standard Ethernet bridging
- Port/Subnet/Protocol-based VLAN
- Spanning Tree: STP, RSTP, MSTP
- 802.3ad Link aggregation based on MAC

Layer 3

- L3 Host(IPv4/IPv6) 1.5K/768
- Static routing
- 1K L2 Multicast
- 1p mapper service profile on U/S
- Mapping of GEM Ports into a T-CONT with priority queues based scheduling
- Support for Multicast GEM Port

Multicast

- IGMPv1/v2/v3
- IGMP snooping
- IGMP filtering and throttling
- Multicast VLAN Registration (MVR)

GPON

- ITU-T G.984 compliant
- Supports ITU-T G.984.4 ONT Management & Control Interface (OMCI)
- Remote ONT/ONU management
- Automatic ONT ranging
- 4k port-ID and 1k alloc-ID

MANAGEMENT

Management Interface

- Serial / Telnet (CLI)

- SNMPv1/v2/v3
- DHCP server, relay agent with option82
- Remote Monitoring (RMON)

OPERATING REQUIREMENTS

Operating Temperature

- -20~60°C

Humidity

- 0~90% (non-condensing)

Ordering Information

Contact

For more information, connect with us at dazanzhone.com/contact