

H660G

FTTH/GPON ONT



Overview

DASAN Networks H660G optical network terminal is targeted for all subscribers high-speed data interfaces in a cost effective indoor housing. Fully compliant with ITU-T G.984 standards, the H660G supports data rates of 1.25Gbps upstream and 2.5Gbps downstream.

With DASAN's leading-edge G-PON technology, users can enjoy bandwidth-intensive multimedia services such as real-time video, audio and gaming much easier and faster than ever before.

The H660G supports one G-PON uplink port and four 10/100/1000Base-T Gigabit Ethernet ports.

The H660G utilizes technology for intelligent IP-based access resulting in reliable network deployment models and management.

Features

- G-PON Interface
 - ITU-T G.984.x compliant GPON ONT
 - Data rate of 1.25Gbps /2.5Gbps (US/DS)
 - Wavelength : TX 1310nm, RX 1490nm
- Advanced QoS & Network Management
 - Priority queues and scheduling on Upstream
 - 802.1p mapper service profile on US
 - Remote Fault Monitoring
 - IEEE 802.1D and IEEE 802.1Q bridging

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Specification

Flash Memory	128MB NAND
SDRAM	128MB DDR3
Uplink Port	1 GPON port (SC/APC, BOSA)
Service Port	4 10/100/1000BASE-T ports (RJ45)
Operating Temp.	23 to 122°F (-5 to 50°C)
Operating Humidity	20 to 90% (non-condensing)
Power Voltage (adapter)	Input: 100-240VAC, 50/60Hz Output: 12VDC/0.5A
Dimensions (W x H x D)	6.30 x 1.58 x 4.91 in (160 x 40 x 124.5 mm)
Miscellaneous Interface	On/Off power switch, Reset button (system reboot)

Capabilities

GPON	<ul style="list-style-type: none"> ITU-T G.984.x compliant Forward Error Correction (FEC) Multiple T-CONTs/GEM ports per device Flexible mapping between GEM port and T-CONT Dying gasp
Layer 2	<ul style="list-style-type: none"> Untagged port configuration IEEE802.1D and IEEE802.1Q bridging Standard Ethernet bridging MAC address learning with auto aging (Up to 4K MAC addresses)
VLAN	<ul style="list-style-type: none"> VLAN port filtering Destination address port filtering
Multicast	<ul style="list-style-type: none"> IGMP snooping
QoS	<ul style="list-style-type: none"> HW-based internal IEEE 802.1p (CoS) Strict Priority (SP) 8 queues per port
RGU (L3 Routing mode)	<ul style="list-style-type: none"> PPPoE client : one client per RG ONT DHCP server / client DNS Relay server (DNS relay, DNS transparent) NAT and NAPT: 16K session (US 8K, DS 8K) Port forwarding Stateful packet inspection firewall with ACL

Sample Configuration

