



As the internet users want more rapid and reliable network circumstances, GPON (Gigabit based PON) technology spreads widely. H645 is a GPON ONT system that enables the service subscribers to be given superhigh-speed internet.

H645 provides a GPON port for configuring GPON network. And, it is equipped with 2 ethernet ports (10/100/1000BASE-TX) so that the subscribers can do web searching, internet phone call and watching IPTV freely.

GPON Interface

- IEEE 802.3ah Standard PON Interface
- High Capacity Interface
 - 2,5Gbps (up) / 1,35Gbps (down)

Reliable Service / Network Management

- Access Limit with MAC addresses
- 802.1p Strict Priority supported
- L2/L3/L4 Filtering
- Self Loop Detect
- IEEE 802.1q VLAN supported

• Specifications

Flash Memory	4MB
SDRAM Memory	64MB
Service port	2-Port 10/100/1000BASE-TX, RJ-45
Uplink port	1-Port GPON, SC/APC type
Operating Temp.	-20~50°C (-4~122°F)
Storage Temp.	-40~70°C (-40~158°F)
Storage Humidity	0~90% (non-condensing)
Power	DC 5V/2A Adapter power (AC 100~240VAC, 50/60Hz)
Dimension [W×D×H]	209,5×135×29,6mm

• Functionality

Layer 2 Function	Standard Ethernet Bridging Switching/Bridging acc. to IEEE 802.1D and IEEE 802.1Q
VLAN Filtering	Untagged port configuration VLAN Tagging VLAN Stripping
IP Multicasting	IGMP snooping, IGMPv1/v2/v3
QoS	HW-based internal IEEE 802.1p (CoS) 802.1p SP (Strict Priority) Queues per Port (4) Multiple flow queue (8) QoS mapping based on 802.1q (VLAN tag), TOS/CoS
Security & Traffic Management	Max Host per port ACL based on MAC Address/Ether Type/IP SA/IP DA/L4 ACL based on IP Multicast Address

[Sample Configuration]

