

XGS-PON ONT

HT105XG



Key Features and Benefits

- ITU-T G.9807.1 XGS-PON compliant
- 4GbE LAN ports, 100 / 1000Mbps, auto MDIX
- 1 x 1G / 2.5G / 5G / 10G LAN port
- IEEE802.3bz
- NAT or Bridge mode LAN to WAN
- IPv4 / IPv6 dual stacks

Overview

HFR's indoor XGS-PON ONT is a full featured CPE device designed to handle applications and services of a next generation fiber network. The user can configure NAT or bridge mode.

HT105XG meets ITU-T G.9807.1 10-Gigabit-capable symmetric passive optical network (XGS-PON) standard. It also supports 802.3bz (2.5G / 5GBASE-T) and IEEE802.3an (10GBASE-T) through an extra LAN port.

Users can connect any high-speed Ethernet equipment to extra LAN ports supporting up to 10Gigabit Ethernet copper interfaces. (ex, private file servers or streaming servers)

HT105XG supports IPv4 NAT function and enables multi-desktops, IP phones or set-top boxes to access the Internet through the assigned single IP.

For more information

Hana EZ Tower 5F, 10 Seongnam-daero 43beon-gil, Bundang-gu Seongnam-si, Gyeonggi-do, 870-463, Korea
TEL: +82-31-712-7768 / FAX.: +82-31-712-7948 / E-MAIL: ra@hfrnet.com

www.hfrnet.com

HT105XG Technical Specifications

Platform	<ul style="list-style-type: none"> WAN: 1 x XGS-PON port, SC / (U)PC connector LAN: 4 x 10 / 100 / 1000BASE-T ports 1 x 1G / 2.5G / 5G / 10GBASE-T port 	Network Address Translation	<ul style="list-style-type: none"> Upstream 8K / Downstream 8K session
XGS-PON	<ul style="list-style-type: none"> ITU-T G.9807.1 Compliant 9.95328Gbps downstream (1577nm) 9.95328Gbps upstream (1270nm) Forward Error Correction (FEC) Multiple T-CONTs / GEM ports per device Rogue ONT detection function 	QoS	<ul style="list-style-type: none"> HW based internal IEEE 802.1p L3 policy-based QoS, IP QoS, ToS, DSCP 8 queues per port Downstream Rate limit per LAN port Up / Downstream Rate limit per WAN
Layer 2	<ul style="list-style-type: none"> 1K MAC Standard Ethernet bridging MAC Limit Jumbo-Frame 4K VLAN ID IEEE 802.1Q VLAN tagging VLAN port filtering 	Management	<ul style="list-style-type: none"> OMCI Complies with G.988 TR-069 ACS client and TR-142 issue 2 for remote mgmt. Web via HTTP Software upgrade via HTTP, TFTP / FTP server, OMCI
DHCP	<ul style="list-style-type: none"> DHCP server and client NAT or Bridge mode selectable Blocking private DHCP server 	Physical Dimensions (mm)	<ul style="list-style-type: none"> 180 (W) × 131 (H) × 29 (D)
Multicast	<ul style="list-style-type: none"> 256 Multicast group IGMP snooping v1 / v2 IGMP filtering and snooping IGMP v1 / v2 / v3 IGMP proxy 	Environmental Specs	<ul style="list-style-type: none"> Operating Temperature: -5°C ~ 50°C Storage Temperature : -30°C ~ 60°C Operating Humidity (non-condensing): 20% ~ 90%
		Power Adapter	<ul style="list-style-type: none"> DC 12V / 2A

Configuration

