

4Pair 2.5G XGS-PON ONU

HN5324XG



Key Features and Benefits

- 1RU Box type XGS-PON ONU
- · L2+ Non-blocking Switching
- Supports 2 uplink slots (Hot-swappable): G-PON / XGS-PON / NG-PON2 / 10GbE SFP+
- Max. 8 x 100 / 1000BASE-T ports
- Max. 16 x 100 / 1000 / 2500BASE-T ports (IEEE802.3bz)
- All ports front accessible

Overview

The uses of Gigabit Ethernet and PON with optical fiber are spreading widely to create a network environment that can respond to the rapid growth of Internet users and facilitate large amounts of data including graphics and multimedia files.

The HN5324XG supports a variety of features to enhance QoS, multicast, security and operational efficiency of existing Layer 2-based Giga switch devices. HN5324XG is also an optimal solution for multimedia broadband services such as IPTV and VoD.

The HN5324XG fully supports all Layer 2 switch functionalities and also supports QoS and security features.

HN5324XG supports NetBEUI / NetBIOS / NBT filtering, DHCP filtering, MAC address restriction, private IP address restriction, blocking harmful sites and unauthorized data entry.

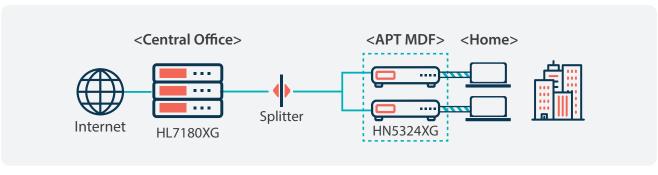
It also provides a robust system and network protection against abnormal traffic attacks from the network or its network subscribers.

HN5324XG Technical Specifications



Platform	 Box Type, Height 1U, Width 19 inches 24 ports + 2 Uplink slots 1-PSU (Power Supply Unit) 2-FAU (FAN Assembly Unit) Hot-pluggable FAN units Supported Uplink cards 10 GE SFP+ Card G-PON card XGS-PON card (H301XG) NG-PON2 card (H401XG) Supported Energy Efficient Ethernet (IEEE802.3az) ITU-T G.984 / G.988 Compliant 	QoS	 DSCP / 802.1p marking / remarking Queue scheduling (SPQ, WRR) Class of Service, 8 Queues per port Ingress / Egress Rate Control (kbps Step)
		Management & Security	 NetBEUI, NetBIOS, NBT filtering ARP spoofing, MAC / Packet filter MAC flood guard, Port flood guard Port-isolation Serial / Telnet (CLI) SNMPv1 / v2, MIB II SSH, Port mirroring, NTP, Remote syslog L2 / L3 / L4 based ACL Remote OS / CPLD upgrade
Capacity & Performance	Switching Capacity: 176Gbps Packet Forwarding: 133Mpps	Physical Dimensions (mm)	 445 (W) × 44 (H) × 250 (D) 1RU, 19" Standard rack mountable
Layer 2	 Spanning Tree: STP, RSTP, MSTP IEEE 802.1Q VLAN IEEE 802.3ad Link Aggregation Storm Control, MAC Limit, Jumbo-Frame 16K MAC address table 4K VLAN ID entries 	Environmental Specs	 Operating Temperature: -20°C ~ 60°C Storage Temperature: -40°C ~ 70°C Operating Humidity (non-condensing): 5% ~ 95% Input Voltage: 100 ~ 240VAC Power Consumption: Max. 55Watt.
DHCP	DHCP snooping Option 82		. ,

Configuration



UTP
Optical fiber