

FS-HGR1000

1*XPON+1GE ONU

Key Features:



XPON Dual Mode
Automatically Access to
EPON/GPON



Detecting
Rogue ONU



Powerful Firewall



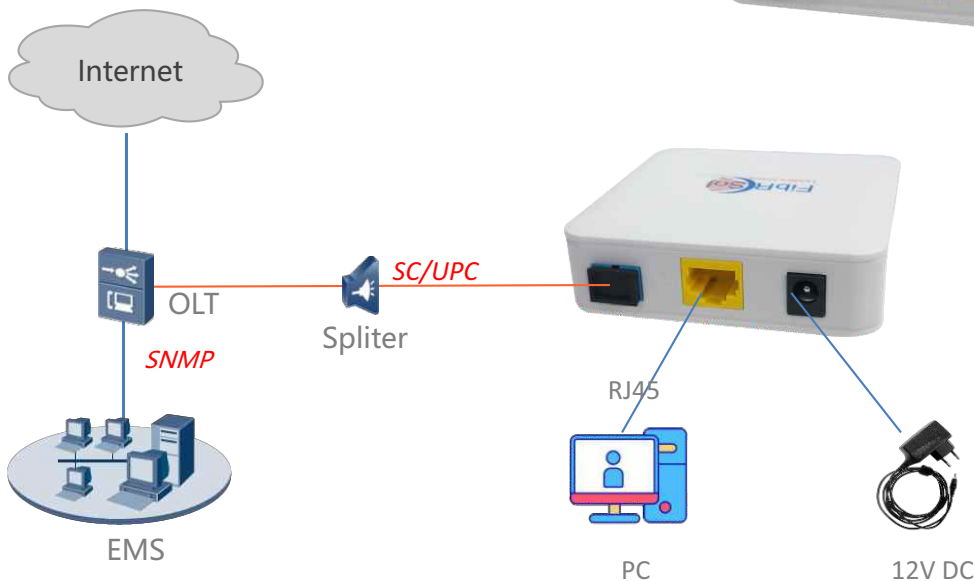
Wide Working Temp
-30°C~+70°C



Introduction:

FS-HGR1000 is support Dual mode(EPON and GPON), It can also be applied to a wide temperature environment, and also has a powerful firewall function.

Application Chart:



○ Hardware Parameter

Dimension	82mm×82mm×25m(L×W×H)
Net weight	0.085Kg
Operating condition	<ul style="list-style-type: none"> Operating temp: -30 ~ +70°C Operating humidity: 10 ~ 90% (non-condensed)
Storing condition	<ul style="list-style-type: none"> Storing temp: -30 ~ +70°C Storing humidity: 10 ~ 90% (non-condensed)
Power adapter	DC 12V, 0.5A, external AC-DC power adaptor
Power supply	≤4W
Interface	1GE
Indicators	SYS, LINK/ACT, REG

○ Interface Parameter

PON interface	<ul style="list-style-type: none"> 1XPON port(EPON PX20+ and GPON Class B+) SC single mode, SC/UPC connector TX optical power: 0 ~ +4dBm RX sensitivity: -27dBm Overload optical power: -3dBm(EPON) or -8dBm(GPON) Transmission distance: 20KM Wavelength: TX 1310nm, RX1490nm
LAN interface	1*GE, Auto-negotiation RJ45 connectors

○ Function Data

XPON Mode	Dual mode, Auto-access to EPON/GPON OLT
Uplink Mode	Bridging and Routing Mode
Abnormal protection	Detecting Rogue ONU, Hardware Dying Gasp
Firewall	DDOS, Filtering Based on ACL/MAC/URL

○ Product Feature

Basic	<ul style="list-style-type: none"> Support MPCP discover&register Support authentication Mac/Loid/ Mac+Loid Support Triple Churning Support DBA bandwidth Support auto-detecting, auto-configuration, and auto firmware upgrade Support SN/ Psw/Loid/Loid+Psw authentication
Alarm	<ul style="list-style-type: none"> Support Dying Gasp Support Port Loop Detect Support Eth Port Los
LAN	<ul style="list-style-type: none"> Support Port rate limiting Support Loop detection Support Flow control Support Storm control
VLAN	<ul style="list-style-type: none"> Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode(max 8 vlans) Support VLAN 1:1 translation mode(≤8 vlans) Auto VLAN detection
Multicast	<ul style="list-style-type: none"> Support IGMPv1/v2/Snooping Max Multicast vlan 8 Max Multicast Group 64
QOS	<ul style="list-style-type: none"> Support 4 queues Support SP and WRR Support 802.1P
L3	<ul style="list-style-type: none"> Support IPv4 Support DHCP/PPPOE/Static IP Support Static route Support NAT
Management	<ul style="list-style-type: none"> Support CTC OAM 2.0 and 2.1 Support ITUT984.x OMCI Support WEB Support TELNET Support CLI

Product Name	Product Description	Accessories
FS-HGR1000	1GE	AC-DC power adaptor: DC12V/0.5A