

Acconet - Wi-Fi 4 xPON ONU

SKU: AC-FIB-XPON1-WIFI4



The Acconet xPON Wi-Fi 4 Home Gateway Unit (HGU) is a cost-effective solution for small-to-medium households. It features 2.4GHz Wi-Fi, ideal for Fibre ISPs that remotely manage customer connectivity via TR-069 using servers like Splynx. The HGU also supports EasyMesh for larger households, requiring multiple Access Points for blanket coverage.

Acconet - Wi-Fi 4 xPON ONU

SKU: AC-FIB-XPON1-WIFI4

Chipset

CPU Single core,MIPS interAptivTM1GHz

Interfaces

LAN port	1 x GE port
PON port	1
DC port	1
Reset	1

Wi-Fi

Standard	IEEE 802.11 b/g/n
Speed	300Mbps @ 2.4GHz 2T2R
Antenna	2 x External
Gain	5dBi

xPON

Wavelength	1310nm/1490nm
Speed	GPON: Upstream rate up to 1.244 Gbit/s, downstream rate up to 2.488 Gbit/s EPON: Upstream 1.25 Gbit/s, downstream 1.25 Gbit/s
Sensitivity	≤-28dBm
Emission Power	1dBm<P<4dBm
Distance	20 km
Connector	SC/UPC or SC/AP

Support

Protocols	ITU-T G.984/G.988 IEEE 802.1D, Spanning Tree IEEE 802.1Q, VLAN
-----------	--

Acconet - Wi-Fi 4 xPON ONU

SKU: AC-FIB-XPON1-WIFI4

Access Mode
Management
Algorithm

IEEE 802.1w, RSTP
IGMP v1/v2/v3
ITU-T Y.1291
Optional: PPPoE, Bridge, IPoE
OMCI, TR-069
SP/WRR/SP+WRR

Security

Encryption
Authentication
Others

AES128
CHAP, EAP
Loopback

Accessories

1 x Power Adaptor
1 x Manual

Device Parameter

Power Supply
Power Consumption
Net Weight
Size

Input 110~240VAC; Output 12VDC/1A
<12W
115g
147mm(L) x 92mm(W) x 24.5mm(H)

