



E/GPON (XPON) ONU

UB5010 G+

1PON + 1GE

SUPPORT BRIDGE MODE & ROUTE MODE

Product Description

UB5010 G+ dual-mode ONU supports two mode (EPON / GPON) accesses. The ONU automatically switches into the corresponding PON mode by identifying the local OLT mode to complete GPON/EPON adaptive access.

UB5010 G+ features high-performance forwarding capabilities to ensure excellent experience with Internet and HD video services. It has good third-party compatibility to work with the third party OLT, such as Huawei/ZTE/Fiber-home/Alcatel-Lucent. It provides a perfect terminal solution and future-oriented service supporting capabilities for FTTH deployment.

MAIN FEATURES

- In compliant with 3ah and ITU – T G.984 standard
- Support multiple registration methods
- Support port VLAN configuration
- Support mac-address learning
- Support port flow-control
- Support broadcasting storm resistance function
- Support igmp transparent/snooping/proxy mode
- Support remote management configuration
- Support Dynamic Bandwidth Allocation (DBA)
- Support AES encryption and decryption
- Support three layer routing function
- Support port-based rate limitation and bandwidth control
- EMS network management based on SNMP ,convenient for maintenance
- Support power-off alarm function ,easy for link problem detection
- Support ONU auto-discovery/Link detection/remote upgrade of software

PRODUCT FEATURES AND SPECIFICATIONS

UB5010 G+ XPON ONU

EPON/GPON Interface

- » SC/UPC single mode single fiber
- » GPON : FSAN G.984.2 standard, Class B+
- » EPON : 1000BASE-PX20+ symmetric
- » GPON : 2.488Gbps/1.244Gbps downstream/upstream
- » EPON : 1.25Gbps downstream/upstream
- » Wavelength: Transmit: 1310nm Receiver: 1490nm
- » Receiving sensitivity: GPON : -28dBm EPON : -27dBm
- » Saturated power: GPON : -8dBm EPON : -3dBm
- » Transmitting power: GPON : 0.5~5dBm EPON:0~4dBm

Management

Management Mode

- » OMCI, OAM, TR069, WEB, Telnet

Network Management

Management Function

- » Status monitor, Configuration management, Alarm management, Log management

Ethernet Port (LAN)

- » 1*GE auto-negotiation RJ45 ports
- » Full/half duplex mode
- » RJ45 connector
- » Auto MDI/MDI-X
- » 100m distance

Physical Features

Power

- » External 12V/0.5A DC power supply adapter
- » Power consumption: <3W

Physical Specifications

- » Item Dimension : 125mm(L) x80mm(W) x28mm (H)
- » Item Net Weight : about 106g

Environmental Specifications

- » Operating temperature: 0 to 40°C
- » Operating humidity: 10% to 90 % (Non-condensing)

Power Interface

- » 12V DC Power supply

Ordering Information

Product Name	Product Model	Descriptions
1GE	UB5010 G+	1*10/100/1000Mbps Ethernet interface, 1 GPON/EPON adaptive optical interface, plastic casing, external power supply adapter

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