

# ONU 101

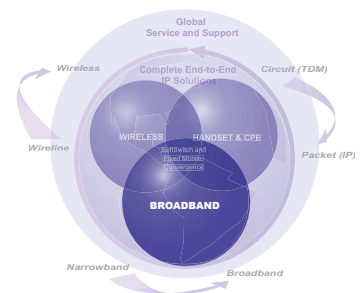
## COST-EFFECTIVE GEPON CUSTOMER PREMISE DEVICE

DELIVERS HIGH SPEED VOICE, DATA AND VIDEO SERVICES OVER GIGABIT ETHERNET PASSIVE OPTICAL NETWORKS (GEPON)



### KEY FEATURES

- Full IEEE 802.3ah compliance
- Highest speed PON: 1 Gbps symmetrical for data, VoIP, and IP video services
- “Plug-and-play” via auto-discovery and configuration
- Advanced QoS functions enable billing by Service Level Agreement
- Remote management with advanced OAM function



## Technical Specifications

### MODULE FUNCTIONS

#### COMPLIANCE

IEEE 802.3ah

#### OPTICAL CHARACTERISTICS

Optical Fiber: Single SMF fiber  
 Connector: SC/UPC connector  
 Max split: 32  
 Data rate: 1 Gbps up and down stream  
 Optical loss budget: 29dB  
 Wavelength: Tx: 1310nm; Rx: 1490nm  
 Max reach: 20km  
 Output power: -1dBm~+3dBm  
 Receive sensitivity:-26dBm  
 Receive saturation:-3dBm

#### HARDWARE

#### PHYSICAL

Dimensions (mm): 194W (7.57 in.) x 154D (6.01 in.) x 38H (1.48in.)  
 (wall mountable)

Weight: 283.4g (10 oz.)

#### POWER

12V DC  
 5W Max, 4W average

### OPERATING REQUIREMENTS

Temperature: 0~40°C  
 Humidity: 5%~95%

### USER AUTHENTICATION

IEEE 802.1x

#### QoS

IEEE 802.1p  
 IPv4TOS priority

### MANAGEMENT

Remote system software upgrade

### FRONT INTERFACE

LEDs: Power, Alarm, LAN Link Status and PON Link Status

### REAR INTERFACE

1 Power connector  
 1 GEPON SC connector  
 1 RJ-45 Fast Ethernet

### CERTIFICATIONS

VCCI, UL and FCC part 15B

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### About UTStarcom, Inc.

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