# HYTT9900GE1
## GPON ONT/SFU



## Introduction

GPON SFU is designed for FTTH and networking service providers. HYTT9900GE1 is developed based on the Gigabit GPON technology, has a high cost performance. It is high stability and easy to maintain, has multi-service QoS quality guarantee. And It is fully compliant with technical regulations such as ITU-T G.984.x and technical requirement of GPON Equipment (V2.1 and above version) from China Telecom, China Unicom.

## Characteristics

★ Main service: 1GE

★ Plug and play, integrate auto detection, auto configuration and auto firmware upgrading

★ Integrate OMCI and TR-069 remote configuration and maintenance

★ Support diagnostic monitoring and remote disabling of fiber optical

★ Compatible with Huawei, ZTE and Fiberhome OLT

## Technical Specifications:

| Technical items | Descriptions |
|---|---|
| Fiber port | 1 GPON interface, SC single-mode/single-fiber, Downstream rate 2.5Gbps, Upstream rate 1.25Gbps |
| Wavelength | Tx 1310nm, Rx 1490nm |
| Fiber interface | SC/PC |
| RX sensitivity | <-28dBm （1490nm） |
| LAN | 1*10/100/1000Mbps adaptive Ethernet ports, full/half duplex, RJ45 interface |
| Throughput | Throughput can reach 900Mbps or more |
| DC power | 12V 0.5A, external AC-DC power adapter |
| Button | Reset, power |
| Power | ≤8W |
| Operation | Working temperature: -5～+55℃　working humidity:10～90％(non-condensation) |
| Storage | Storage temperature: -30℃～+60℃ storage humidity: 10～90％(non-condensation) |
| Dimension | 100*65*20mm(length*width*height) |
| Net weight | ≤0.2Kg |

## Data Service Functions

★ Full speed 1G non-blocking switching

★ 2048 MAC address table

★ Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc

★ Support auto polarity detection of Ethernet ports (AUTO MDIX)

★ Integrated IEEE802.1p QoS with four level priority queues