



Product features:

- > Conform to IEEE802.3ah standard
- > Support Ethernet service layer 2 switching and wire-speed forwarding of uplink and downlink services
- > Support frame filtering and suppression
- > Support standard 802.1Q Vlan function, support VLAN conversion
- > Support 4094 VLANs (802.1Q)
- > Support Dynamic Bandwidth Allocation (DBA) function
- > Support QoS, including traffic flow classification, priority marking, queue and dispatch, traffic shaping and traffic control, etc
- > Single ONU supports up to 1 LLID.Support IGMP Snooping.Support router
- > Support Ethernet port ratelimit loop detection.Support power failure alarm
- > Support lightning protection for power supply and lightning protection for service port



TECHNICAL DATA SHEET MODEL NO: NTPL-ONU1GE

Technical Parameter

Module	NTPL-ONU1GE
User interface	1 10/100/1000M RJ45 port.
PON	Transmission speed: upstream 1.25Gbps, downstream 1.25Gbps Network coverage radius: 20KM Optical receive sensitivity: -25dBm Luminous power: >0dBm Security: ONU authentication mechanism
VLAN	Port-based VLAN IEEE 802.1Q VLAN
QOS	Backpressure flow control (half-duplex) IEEE 802.3x flow control (full-duplex) Prevent Head Of Line IEEE 802.1p, CoS WR, SP and FIFO queue scheduling algorithm Port rate limit
Safety	IEEE 802.1x, access control based upon Port; support local and remote RADIUS. CHAP, EAP certification; Storm control, port protection,
Router	Support Router
Management	Web, TELNET
Size	117mm(L) ×88mm(W) ×32mm(H)
Environment	Operating temperature:0°C ~50°C; Operating humidity:10%~85% non-condensing Storage temperature:-40°C ~80°C; Storage humidity:5%~95% non-condensing
Power supply	110~240VAC 12V/0.5A DC Power interface size: 2.5mm
Power Consumption	2.5W

