GPON ONT

Product Description

In application of common open software and hardware architecture, meet carrier-grade equipment requirements for reliability, maintainability, security, etc. There are several optional specifications, suitable for FTTH scenario.

Product Features

- Compliant with ITU-T G.984 GPON standard.
- Support Dynamic Bandwidth Allocation (DBA)
- FEC (Forward Error Correction) in both upstream and downstream
- QoS scheduling based on SP or WRR between GEM port and T-CONT
- Downstream multicast GEM port and broadcast GEM port
- Support Auto-speed and MDI/MDIX auto detection
- WAN support Router and Bridge mode
- Router mode supports PPPoE/DHCP/static IP
- WAN support Internet、VoIP、IPTV、TR069
- Advanced data processing function, such as VLAN label processing, flow classification and packet filtering
- Standard OMCI (the embedded operations channel) compliant with ITU-T G.988
- Compliant with TR-098、TR-140 terminal integrated management interface
- specification, configuration of all kinds of services, including Ethernet、VoIP、WLAN, etc
- Alarm reporting, performance monitoring
- Remote software upgrade through OMCI

Product Specification

Parameter	Index					
	AC0100	AC0400	AC0101	AC0401	AC0411E	AC0421
Network side port	1GPON					
Network side port type	PON: SC/PC，CATV: SC/APC					
PON port parameter	Output Power: 0.5~+5dBm, Rx Sensitivity: -28dBm, Input Overload: -3dBm					
User side port	1*GE	4*FE	1*GE+1*RF	4*FE+1*RF	1*GE+3*FE+ 1*POTS+WIFI	4*GE+2POTS+ 2x2 WIFI
routing mode and bridging mode	/	/	/	/	Support	
Shell material	Plastic shell					
Dimension (L*W*D*H)	163*114*29mm					
Power supply	AC 220V					
Power consumption	<5W				<8W	
Operating temperature and humidity	-10℃~55℃ / 10%~90%					
EMC	IEC 61000					