

GPON ONT

Introduction

FOT GONT420W/421W are GPON ONT, which designed as residential gateway with VoIP, CATV and WiFi function to provide triple play services for fiber to the home network. GONT420W/421W compliant with ITU-T G.984.1/2/3/4, with up to 2.5Gbps downstream and 1.25Gbps upstream.



Features

- Compliant with ITU-T G.984.1/2/3/4.
- Up to 2.5Gbps downstream and 1.25Gbps upstream access
- Support IPTV
- Support VoIP
- Support Router function
- Support IEEE 802.11n 2.4GHz WLAN function
- Support USB host function
- Support RF Video Overlay
- Support CLI, Web GUI

Specifications

Item	Parameters
Model	GONT421W:4GE+2FXS+CATV+WiFi GONT420W:4GE+2FXS+WiFi
Interface/Button	1* SC/APC GPON interface 1*F type connector for analog TV 4* 10/100/1000 BASE-T/TX, RJ-45 connectors 2*FXSJ, RJ-11 connectors 2* USB 2.0 optional 1*power button 1*reset button 1*WPS button

Wavelength	Downstream:1310nm Upstream: 1490nm RF downstream: 1550nm - 28dB optical loss budget (Class B+)
Standards	ITU-T G.984.1, 984.2, 984.3, 984.4, 984.5(optional) IEEE 802.1p IEEE 802.1Q IEEE 802.1D IEEE 802.3 IEEE 802.3u IEEE 802.3x
QoS	VLAN Strict Priority & Weighted Round-Robin Priority Multicast IGMP filtering & snooping IGMP proxy
VoIP	SIP v2 (RFC3261) CODECS: G.711, G.726, G.729 T.38 FAX Relay
Router	PPPoE Packet filtering NAT/NAPT Static Route RIP V1/V2 DHCP server/client
Security	Broadcast storm protection for LAN port IEEE 802.1x WiFi authentication AES-128 Encryption Firewall DoS DMZ VPN pass though
WLAN	IEEE 802.11 b/g/n Frequency band: 2.400~2.4835GHz Operating Channels: 1~13 channels WEP, SSID, WPA, WPA2 WPS
Management	Remote control from OMCI TR-069 Dynamic Bandwidth Allocation Remote software upgrade
Power	Power: 12V DC / 2.0A
Dimension	208*148*42mm(W*L*H)

Operating Environment	Operating Temperature: 0~40 °C Operating Humidity: 10%~90% (non-condensed)
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