

GPON

4 Puertos Ethernet | 1 PON | VoIP | 802.11n | 802.11ac

GRG-4260us ONT GPON Wireless



El GRG-4260us es una ONT integrada GPON con 1 puerto GPON WAN, 4 puertos LAN Gigabit Ethernet, 2 puertos de voz FXS, 1 USB2.0 host y Wi-Fi dual. Su interfaz Wi-Fi no sólo proporciona una banda 802.11n 2T2R de 2.4GHz (compatible con 802.11g / b), también admite 802.11ac con diseño 3T3R en banda de 5GHz.

GRG-4260us proporciona potentes utilidades de administración remota (como TR-069) para la administración y el mantenimiento de la red.

FUNCIONALIDADES

- . UPnP, IPv6 compliant
- . PhyR and G.INP
- . Soporta TR-069/TR-098/TR-181i2
- . Copia de seguridad y restauración de la configuración
- . Gestión basada en Web (HTTPS/HTTP)
- . Admite administración remota, actualización de firmware y configuración automática
- . AP Integrado 802.11ac AP (retrocompatible con 802.11a/n)
- . WPA and 802.1x/ WPS 2.0/ Radius Client
- . NAT/PAT
- . IGMP Proxy/ Fast Leave/ Snooping/ Proxy
- . DHCP Server/Client
- . Agente embebido SNMP
- . IP/MAC address filtering
- . Funciones de enrutamiento Static route/ RIP/ RIP v2
- . DNS Proxy/Relay

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ESPECIFICACIONES

Hardware

- GPON X 1 Bi-directional Optical (1310nm/1490nm)
- RJ-45 X 4 for LAN, (10/100/1000 Base T)
- RJ-11 X 2 for FXS (optional)
- USB2.0 host X 1
- WPS /Wi-Fi On/Off button X 2
- Power switch X 1 & Reset Button

WAN

- SC/APC, 1244Mbps/2488Mbps, 1310nm/1490nm
- GPON ITU-T G.984.x

LAN

- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Support MDI/MDI-X
- 10/100 /1000 BaseT Auto-sense

Wireless 802.11n

- IEEE802.11b/g/n
- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
- 11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
- Up to 300Mbps data rate
- MAC address filtering, WEP, WPA, IEEE 802.1x
- 10,25,50,100mW@22MHz channel bandwidth output power level can be selected according to the environment

Wireless 802.11ac

- IEEE802.11ac 3T3R

PON

- GPON ITU-TG.984.1, G.984.2, G.984.3, G.984.4
- Fully ITU-T G.984 compliant framing
- Single / Multiple T-CONTs
- Single / Multiple GEM ports
- Flexible mapping between GEM ports and T-CONT
- AES-128 Decryption with key generation and switching
- FEC (Forward Error Correction)
- DBA reporting in status indications in the PLOu, and by piggyback reports in the DBRu (mode 0)
- 802.1p service mapping profile on U/S
- Mapping of GEM port into a T-CONT with priority queues based scheduling

Application Layer Gateway (ALG)

- SIP, IPSec, H.323, Yahoo messenger, ICQ, RealPlayer, Net2Phone, NetMeeting, MSN, X-box, Microsoft DirectX games etc.

Funciones de Voz

- SIP: RFC 3261
- MGCP: RFC 3435
- Codec: G.711, G.723.1, G.726, G.729ab
- RTP: RFC 1889
- SDP: RFC 2327
- Caller ID: ETSI based
- Life line / Emergency call
- Echo cancellation: G.168
- Silence suppression

Protocolos de Red

- PPPoE pass-through, Multiple PPPoE sessions on single WAN interface
- PPPoE filtering of non-PPPoE packets between WAN and LAN
- Transparent bridging between all LAN and WAN interfaces
- 802.1p/802.1q VLAN support
- Spanning Tree Algorithm
- IGMP Proxy V1/V2/V3, IGMP Snooping V1/V2/V3, Fast leave
- Static route, RIP v1/v2, ARP, RARP, SNTP
- DHCP Server/Client/Relay
- DNS Proxy/Relay, Dynamic DNS
- Internet Printing Protocol
- UPnP
- IPv6 subset

Firewall/Filtering

- Stateful Packet Inspection Firewall
- Stateless Packet Filter
- Day-time Parental Control
- URI/URL filtering
- Denial of Service (DOS): ARP attacks, Ping attacks, Ping of Death, LAND, SYNC, Smurf, Unreachable, Teardrop
- Port Scan Detection and Protection
- TCP/IP/Port/interface filtering rules support both incoming and outgoing filtering

NAT/NAPT

- Support One to One, Many to One, Many to Many (Overload), Many to Many (No Overload) NAT
- NAT Loopback
- Port Triggering
- Port Forwarding (Virtual Server)
- Symmetric port-overloading NAT, Full-Cone NAT
- DMZ host
- VPN Pass Through (PPTP, L2TP, IPSec)

Gestión

- TR-069/TR-181/TR-142/TR-156, SNMP, Telnet, Web-based management, Configuration backup and restoration
- Software upgrade via HTTP, TFTP server, or FTP server

Funciones de Enrutamiento

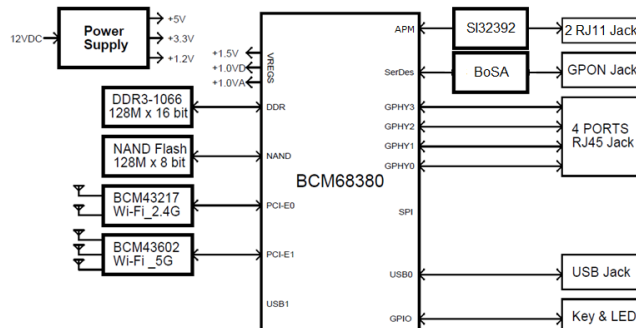
- Static route, RIP, and RIPv2, NAT/PAT, DHCP Server / DHCP Relay, DNS Proxy, ARP

Application Pass Through

- PPTP, L2TP, IPSec, SIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc.

Condiciones Ambientales

- Temperatura de Operación: 0 ~ 40 °Celsius
- Humedad relativa: 5 ~ 95% (sin condensación)



COMTREND

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