

MR4021UN/MR4028UN

Digital Residential Gateway

Features

- Support four 10/100/1000Mbps LAN ports
- Support IP video through data port
- Support VoIP for voice service
- Support Router function
- Support IEEE 802.11 b/g/n WLAN function
- Support USB host function
- Support CLI, Web GUI

Tecom MR4021UN/MR4028UN supports Gigabit Ethernet access interface and integrates residential gateway, VoIP, WLAN and USB functions. MR4021UN/MR4028UN provides a high bandwidth access and full functions for routing, voice, wireless, IPTV, and security solutions for residential, a Small Office/Home Office (SOHO), and FTTx users.

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Specifications

Interface

Hardware :

- One WAN port for Gigabit Ethernet Interface with SFP slot , bidirectional optical data port , 1 Gbit/s , TX1310nm , RX1490nm
- Four RJ-45 connectors for 10/100/1000M BASE-T LAN ports
- Two RJ-11 connectors for FXS
- One WLAN interface
- One reset button
- One power jack for 12V DC input
- One power switch
- Two USB 2.0 Connector

Compliant Standard

- IEEE 802.1p
- IEEE 802.1Q
- IEEE 802.1D
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z
- IEEE 802.3x

QoS

- VLAN
- Strict Priority & Weighted Round-Robin Priority
- Multicast IGMP filtering & snooping
- IGMP snooping/proxy for IPTV

VoIP

- SIP v2 (RFC3261) or MGCP
- CODECS : G.711 , G.726 , G.729 and Others
- T.38 FAX Relay
- X Relay

Router

- PPPoE
- Packet filtering
- NAT/NAPT
- Static Rout
- RIP V1/V2
- DHCP server/client

Security

- Broadcast storm protection for LAN port
- IEEE 802.1x port authentication
- AES-128 Encryption
- Stateful Firewall
- DoS
- DMZ
- VPN pass through

WLAN

- IEEE 802.11 b/g/n
- 64/128 bits WEP encryption supported
- WPS for easy setup
- WEP, SSID, WPA, WPA2
- WDS repeater function supported

Management

- Web-based GUI for remote and local management
- Remote control from OAM channel
- Dynamic Bandwidth Allocation
- Remote software upgrade

Operating Environment

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

Power Requirement

- Power: 12V DC / 1.5A max input

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