

# ER4021un

## Digital Residential Gateway

### Features

- Support four 10/100/1000Mbps LAN ports
- Support VoIP for voice service
- Support CLI, Web GUI
- Support IEEE 802.11n 2.4G WLAN 2X2

**T**ecom ER4021un supports Gigabit Ethernet access interface and integrates residential gateway and VoIP functions. ER4021UN provides a high bandwidth access and full functions for routing, voice, WLAN, USB and security solutions for residential, a Small Office/Home Office (SOHO), and FTTx users.

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## Digital Residential Gateway

### Specifications

#### Interface

Hardware :

- One WAN port for Gigabit Ethernet Interface with copper
- Four RJ-45 connectors for 10/100/1000M BASE-T LAN ports
- Two RJ-11 connectors for FXS
- Two USB type A
- One reset button
- One power jack for 12V DC input
- One power switch

#### Compliant Standards

- 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

#### VoIP

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

#### Networking

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

#### WLAN

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

#### Security

- Broadcast storm protection for LAN port
- AES-128 Encryption
- Firewall
- DoS
- VPN pass through

#### 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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