



# CL-220-N-100 Wireless 802.11B/G/N ADSL2/2+4 Ports Modem Router

## Overview

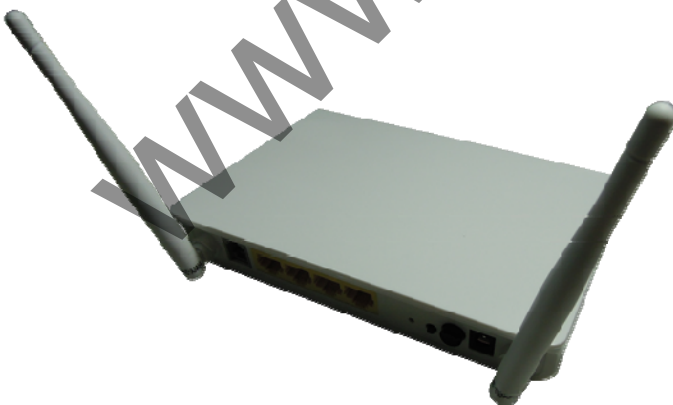


- Compliant with ITU-T ADSL, ADSL2 and ADSL2+
- Complies with IEEE 802.11b/g/n of Wireless LAN
- Compliant with ITU-T G.992.1(G.dmt), G.992.2(G.lite), G.992.3(G.dmt.bis/ADSL2), G.992.4(G.lite.bis/ADSL2), G.992.5(ADSL2+) and ANSI T1.413 Issue2
- ADSL2+ compliance raises downward link rate to 24Mbps and upstream rate to 1Mbps
- Supports Bridging and Routing protocols
- Supports ATM QoS and IP QoS
- Auto-PVC detection enabling automatic configuration of VPI/VCI



## Main Features

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## Specification

Chipset – Realtek RTL8676

## Standard

IEEE802.11 b/g/n

## ATM

ATM cells over ADSL/AAL5

Supports up to 8 Virtual Channel Connections

Supports UBR, CBR, rt-VBR and nrt-VBR traffic classes and shaping

Supports RFC2684, RFC1483, RFC2225, RFC1577 and RFC2364 payload encapsulations

Supports Dying Gasp(option)

## Management

Telnet with CLI(Command line interface) and Web-based GUI for user configuration and management

Supports SNMP and TR-069(option)

ACL(Access Control List) configuration

UPnP

SNTP client for Time Zone update

Firmware upgrade via HTTP

Configuration backup and restore

ARP table provides a list of learned MAC addresses

## Bridging

RFC2684/1483 bridged PDU encapsulation

Supports up to 128 MACs learning address

Supports IEEE 802.1d spanning tree

Supports RFC 1483 MER

Supports 802.1p/Q

## Routing

RFC 2684/1483 routed PDU encapsulation

PPPoE, PPP over ATM and IP over ATM

Static route , RIP v1 and RIP v2

DHCP(Dynamic Host Configuration Protocol) server and client

Secondary IP address

IGMPv1/v2 and IGMP proxy

IP QoS

DNS and DDNS

## Storage Humidity

10% ~ 90% (Non-condensing)

## Security/Firewall

IP/Port filtering

MAC filtering

Port forwarding

URL Blocking

Domain Blocking

DMZ Host

## Antenna



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Two detachable 2dBi Antenna 2T 2R 300mBit

## *Wireless Protocol and Encapsulation*

### Number of operation channel

2.412~2.462GHz(Canada, FCC)/11 Channels

2.412~2.484GHz(Japan,TELEC)/14 Channels

2.412~2.472GHz(Euro, ETSI)/13 Channels

Supports CSMA/CA

## Security

64/128bit WEP

WPA(TKIP with IEEE 802.1x)

WPA2(AES with IEEE 802.1x)

Supports Multiple BSSID

## RF Output Power(Typical)

802.11b: 17 ± 1 dBm

802.11g: 14 ± 1 dBm

## Interface

Four 10/100 Base-TX Ethernet ports with RJ-45 connectors

Automatic 10/100M speed-sensing and MDI-MDI-X crossover detection and correction

One pair (2-wire) with RJ-11 connector