



CL-201CA Dual WAN Router (4G LTE)

Overview



- Carelink CL-201CA is a **Dual-WAN** Ethernet and 3G / 4G / ADSL2+ (VPN) firewall router integrated ADSL / ADSL2+, 802.11b/g/n.
- Support for mobile 3G / 4G via USB modem, 3G / 4G works as a backup WAN, functioning as automatic fail-over when ADSL2+ connection breaks down.
- CL-201CA USB also provides IPsec VPN and PPTP VPN, users can access to corporate intranet and transmit sensitive data between branch offices and remote sites anytime and anyplace.

Specifications

3G / 4G	Authentication	PAP/CHAP/MS-CHAP
	Always Online	PPP LCP Echo/Reply and ICMP keep alive for link inspection
	Dial On Demand	Always online or triggered by local data flow and auto disconnect
USB	USB Interface	One USB 2.0 host, for mobile 3G / 4G or printer
DSL	Interface	One RJ-11
	ADSL Standard	Full-rate ANSI T1.413 Issue 2 G.dmt (ITU G.992.1) G.lite (ITU G.992.2)
	ADSL2 Standard	G.dmt.bis (ITU G.992.3) ADSL2 Annex L (ITU G.992.3/4 Annex L)



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	ADSL2+ Standard	G.dmt.bis plus (ITU-T G.992.5) ADSL2+ Annex A/M (ITU G.992.5 Annex A/M)
ATM and PPP Protocols	AAL5	ATM Adaptation Layer Type 5 (AAL5)
	Multiple Protocol over AAL5	Multiple Protocol over AAL5 (RFC 2684, formerly RFC 1483)
	Encapsulation	Payload Encapsulation
	Multiplexing	VC and LLC based multiplexing
	PPPoE	PPP over Ethernet (PPPoE, RFC 2516)
	PPPoA	PPP over ATM (PPPoA, RFC 2364)
	Bridge	Bridge (RFC 2684)
	Routing	MAC Encapsulated Routing (RFC 1483 MER)
	OAM F4 / F5	OAM F4 / F5
Wireless LAN	Standards	Compliant with IEEE 802.11b/g/n
	Data Rates	Up to 300 Mbps wireless data transfer rates
	Mode	Access Point (AP) or AP Bridge (WDS)
	WPS	Wi-Fi Protected Setup (WPS) for easy setup
	Encryption	WEP 64/128 bits
	Security	WEP 64/124/256 bits, WPA2
	Mac Filter	Black list and white list filter
	QoS	WMM
	ACS	Automatic channel selection
	Antenna	2T2R MIMO mode (2 transmitter, 2 receiver) One external antenna with 2dBi gain; one internal antenna with 4dBi gain
	Transmission Power	802.11b: 16+/-1.5dBm 802.11g: 14+/-1.5dBm 802.11n: HT20 16+/-1.5dBm; HT40 14+/-1.5dBm
	Reception Sensibility	802.11b: -82dBm, ±2dB 802.11g: -68dBm, ±2dB 802.11n: HT20 -64dBm, ±2dB; HT40 -60dBm, ±2dB
	RF Selection	On/Off
Ethernet Interface	Interface	8-pin RJ-45, auto MDI-X
	Number of Ports	4-port fast Ethernet switch
Protocols and Firewall	Speed	10/100 Mbps
	Network Protocols	NAT, NAT, DMZ, DHCP, SNTP, DNS Relay, IGMP Proxy / Snooping, Static Routing, ALG, UPnP
QoS	Firewall	SPI (Stateful Packet Inspection), IP / Domain / MAC filters
	IP QoS	Base on source IP address, source and destination port, protocol and DSCP
	ATM QoS	Support CBR, UBR, nrt-VBR, rt-VBR
	Features	Support for extended Impulse Noise Protection (INP) for better IPTV quality



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Operation and Management	Configuration	Web, Telnet, SSH
	Firmware Upgrade	HTTP / TFTP / FTP
	Management	TR069 / SNMP
VPN	PPTP	Client, maximum 6 tunnels Encryption: MPPE
	IPSec	Client, maximum 5 tunnels IKE key management Encryption: DES, 3DES, AES-128 / 192 / 256 Integrity: MD5 and SHA-1 Authentication: pre-shared key
	VPN Pass-through	PPTP / L2TP / IPsec Pass-through
Others	LED Indicators	Power, LAN1, LAN2, LAN3, LAN4, Internet, USB, ADSL, WLAN, WPS
	Buttons	Power On/Off, WPS, WLAN, Reset
Physical Characteristics	Color	White
	Housing	Plastic
	Weight	240g(only device) 630g(with giftbox)
	Dimensions	Gateway without bracket (L x W x H): 150 x 115 x 30 mm Gateway with bracket (L x W x H): 160 x 135 x 70 mm Giftbox including gateway and accessories (L x W x H): 235 x 170 x 75 mm
	Installation Method	Desktop with bracket
Environmental Limits	Operating Temperature	0°C to 50°C
	Storage Temperature	-20°C to 70°C
	Operating Humidity	20 to 95% non-condensing
Power Supply	Power Supply Adapter	Input AC 100-240 V, 50 / 60 Hz, 0.6 A Output DC 12 V, 700 mA
Regulatory and Type Approvals	Directives	RoHS and WEEE compliant
	CE and R&TTE Approval	To be determined
	FCC Approval	To be determined
	PTCRB Approval	To be determined
Warranty	Warranty Period	1 year



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Packing List

- ADSL Wireless Gateway x1
- AC/DC power adapter x1
- Desktop bracket x1
- ADSL splitter x1
- Ethernet cable RJ45 x1
- Phone cable RJ11 x2
- CD with user guide x1

Application Cases

Office in a Box: provides an office solution to sectors such as mining, construction and emergency services where fixed infrastructure is costly and time prohibitive

Data backup and redundancy: ensure business continuity to retail, banking and emergency services by providing a wireless voice and data redundancy path to guard against fixed line outages

Mobile workforce: event management, consulting and auditing sectors can bring their own wireless branch office (VPN) to a temporary work location