

Specifications

Hardware & Port Configuration		CDW530AM
Wireless WAN	USB 2.0 for external HSPA modem	1
Ethernet WAN	1 x WAN RJ-45 port, 10/100Mbps	1
Ethernet LAN	1 x LAN RJ-45 port, 10/100Mbps	1
Antenna	For 1.8 dBm di-pole antenna	1
WPS Button	For WPS connection	1
Reset Button	Reset router setting to factory default	1
LED Indication	3G / LAN / WAN / WiFi	●
Power Jack	Power Jack, DC 5V/2A	1
Wireless LAN (WiFi)		
Standard	IEEE 802.11b/g/n (1x1) compliance	●
SSID	SSID broadcast or in stealth mode	●
Channel	Auto-selection, manually	●
Security	WEP, WPA-PSK, WPA2-PSK	●
WPS	WPS (Wi-Fi Protected Setup)	●
Functionality		
Wireless WAN	PPP (for WCDMA/HSxPA/EVDO/Blackberry Phone)	●
	PPPoE (for iBurst)	(Optional)
	DHCP Client (for Flash-OFDM/WiFi Phone)	(Optional)
Ethernet WAN	PPPoE, DHCP client, Static IP, PPTP, L2TP	●
WAN Connection	Auto-reconnect, dial-on-demand, manually	●
One-to-Many NAT	Virtual server, special application, DMZ	●
SPI Firewall	IP/Service filter, URL blocking, MAC control	●
DoS Protection	DoS (Deny of Service) detection and protection	●
Management	SNMP, UPnP IGD, syslog	●
Administration	Web-based UI, remote login, backup/restore setting	●
Environment & Certification		
Package Information	Device dimension (mm)	129.5x 121x30
	Package dimension (mm)	TBD
	Package weight (g)	TBD
Operation Temp.	Temp.: 0~40oC, Humidity 10%~90% non-condensing	●
Storage Temp.	Temp.: -10~70oC, Humidity: 0~95% non-condensing	●
CE, FCC	CE/FCC compliance	●
RoHS	RoHS compliance	●

*Specifications are subject to change without prior notice.



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LOHASmart CDW V1.0

ZALiP
Converging All IP Access



LOHASmart WiFi Combo Gateway CDW530AM



The CDW530AM is a HSPA router with USB 3G modem port. It supports NAT, routing, firewall, VPN pass-through, auto-3G-dial-up backup connection, DHCP server, and so on. It is managed easily by web UI, SNMP and UPnP. SPI firewall is embedded in the product, and packet filtering and access control were also implemented inside. It supports various connection approaches to ISP such as static IP, dynamic IP (DHCP client), PPTP, L2TP, PPPoE and 3G. It is also compliant to IEEE 802.11b/g standard and 11n Lite for WLAN.

Main Feature

Mobile Broadband Gateway with Combo WAN Connection

- Built-in NAT function for many PCs or devices to share one IP internet access
- Support various WAN connection type, like dynamic IP, static IP, PPPoE, PPTP, L2TP connection types
- One USB for cellular modem internet WAN connection, like HSxPA, EVDO, TD-WCDMA
- One RJ45 for ADSL/cable modem internet WAN connection
- Automatic failure over support for main & backup access between USB and Ethernet WAN

Industrial Compliant Wireless LAN & LAN

- 1x1 802.11N-lite wireless LAN, backward compatible to IEEE 802.11b/g standards
- 10/100M Ethernet LAN, Compliant with IEEE 802.3 and 802.3u standards

Secure network Connection

- Establish secured Wireless Connection via WPS function
- Support WEP, WPA-PSK / WPA2-PSK Wireless Security
- Support NAT firewall features, with SPI function to protect against DoS attacks
- Support Internet Access control, like URL Blocking, MAC Filtering

Advanced networking function for specific application

- Support multiple sessions IPSec, L2TP and PPTP VPN pass-through
- Support virtual server, ALG, DMZ and UPnP for various networking applications
- Support QoS mechanism for efficiently prioritizing the various type of traffics

Easy to install & Management

- Web based UI management and EzSetup installation wizard
- Intelligent EzSetup installation wizard with auto WAN detection
- Easy firmware upgrade, and save/restore settings to flash memory by Web UI



User Scenario & Benefits



Commercial and outdoor

- Value added Internet access for commuters on public train or bus
- Track and record A/V data from security IP CAM
- Law enforcement by police officers, judicial courts or security guards

Car and Recreation vehicles

- Internet access in a car or a caravan for connected and joyful trip
- Mobile multimedia application is made possible
- Remote monitoring or surveillance through IP CAM

Wireless WAM in office & home

- Instant and easy Internet setup for remote office and in a convenience store, trade show, and various hotspots.
- Home users who are not able to get the service of wired broadband connection from the Internet Service Provider (ISP).

Auto failover function

Auto failover function makes the connection always keep-alive and end-users are not aware that connection is changed.

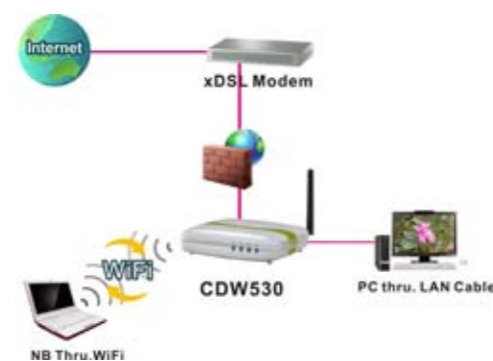


Application Diagram

Surf Internet via 3G/3.75G



Surf Internet via xDSL Modem



Auto WAN Failover

