

EAGLE R210LHseries Router is the internet of thing mobile broadband router and a machine to machine (M2M) industrial cellular router, which can optional works on the 4G or 3G cellular network to provide reliable, secure and high speed wireless connectivity with I/O and VPN supported. It is powerful and programmable industrial mobile router with high performance and harden casing design for remote management, telemetry, condition monitoring, CCTV, ATMs, vending machine and other M2M applications.

R210LH4G router is an ideal wireless data transfer device for applications transferring large data load because of ultimately fast transfer speed in 4G network reaching up to 100M download and up to 50M upload. VPN features also can be configured in EAGLE router, allowing you to utilize virtual private network service through a 4G/3G wireless router and built for stresses and workload of a modern industrial or commercial environment.

With dual SIM function, R210LHseries router could backup network between the two SIM cards to ensure continuous connection..



Benefit For Cellular Router

Avoid fixed-line trouble

Cost-effective, 30% saving

Rapid Deployment

Flexible placement

Security and Reliability

Return on Invest

Industrial robust design and compact metal housing

High data speed via FDD/TDD 4G 3G NETWORK , 2G compatible

Strong electromagnetic interference Resistance

Built-in watch dog, Multi-link detection

802.11b/g/n Wi-Fi support, 150Mbps data rate

2x Digital Input(DI), 1x Digital Output

MIMO antenna for 4G

WAN port support PPPoE, static IP, DHCP client.

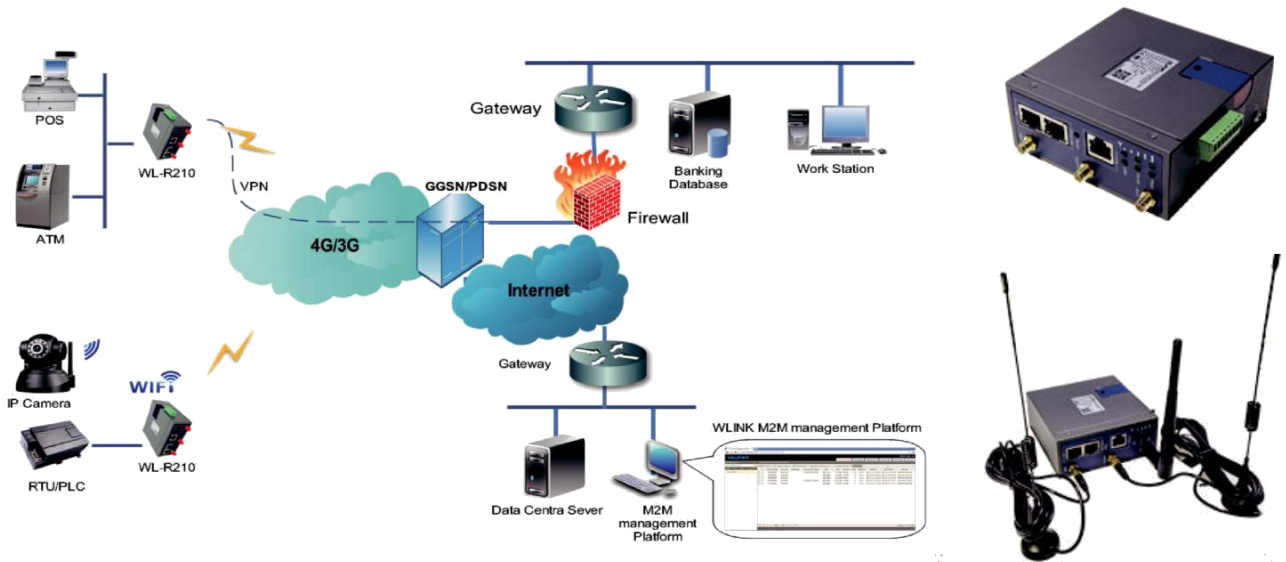
Standard equipped with Dual SIM Single Modle for Failover or Backup between two network

Always online, reboot automatically if disconnected to ensure continual connection

- Support APN and VPDN wireless private network access in LCP/ICMP/fow/heartbeat check, ensure network usability
- Web/CLI/SSH/Management platform support, easy configure
- SNMP network management, NTP support
- Local & remote management (configuration, status, upgrade firmware)
- Supports DHCP Server
- Supports DNS proxy and Dynamic DNS (DDNS)
- Ultra security, VPN: PPTP, L2TP, GPE, IPsec VPN
- Supports LED status indication
- Shock and vibration resistant

optional future

- Optional Network Type includes FDD / TDD 4G, UMTS/WCDMA 3G, EVDO. 3G
- GPS capability for fleet management or other tracking application Optional
- DTU serial communication function optional
- OpenVPN Optional



Specification

Optional Support Mobile Network	FDD / TDD 4G		
	DC-HSPA/HSPA+/HSPA/WCDMA/UMTS EDGE/GPRS CDMA2000 EVDO/CDMA 1X	Ethernet Standard	IEEE 802.3 IEEE 802.3u
Interface	2x10/100Mb LAN (1xLAN, 1xWAN) 1x RS-232 console port(RJ45) 2x Digital Input, 1x Digital Output 3x SMA-K antenna interface 2x Standard SIM/R-UIM interface 1x Standard DC power interface	LED	PWR Signal WLAN ERR LAN (LAN, LAN/WAN)
Route protocol	Static route RIPv2/OSPF dynamic route	Power supply	5 - 32VDC
Device management	Local or remote web browser (IE v8 or above) CLI/Telnet command M2M management platform (optional) SSH configuration (optional)	WiFi	Standard: IEEE 802.11b/g/n WEP, WPA and WPA2 encryption Standard 150Mbps, 300Mbps optional AP, Client, station, bridge mode support
Firewall & Filter	IP packet/Domain/MAC filter NAT DMZ	VPN	IPSec PPTP/L2TP client GRE/IPIP
Power	Idle: 80mA@12VDC Single Module Communications: 320mA@12VDC	Other	Dimension: 102mm x 100mm x 42mm (not including antenna) Weight: 350g Operation temperature: -30~+70 Store temperature: -40~+85 Related humidity: <95% (non-condensing) Guarantee: one year
Standard	EN 300 328 v 1.7.1 (2006-10) EN 301 489-1 EN 301 908-1 EN 55022:2010/AC:2011 EN 55024:2010 EN 61000-3-3:2008	EN 301 489-17 EN 301 511 EN 301 908-13, EN 60950-1, EN 61000-3-2 EN 62311:2008	approval CE RoHS CCC