JNC 工業型防水 4G 路由器

4G Router

4GR

[Features]

- 4G LTE Cat 4 up to 150 Mbps, with 3G / 2G fallback.
- Cellular, wired and Wi-Fi WAN with auto failover.
- Aluminum body, -40 ~ 75 °C, optional IP68 enclosure.
- Built-in DI / DO for remote monitoring and control.
- OpenVPN, IPsec, WireGuard VPN and built-in firewall.
- Syslog remote logging: system, connection and login events sent to your log server in real time.
- SNMP Trap alerts with configurable rules to notify your network management system.
- Modbus TCP and MQTT for easy IoT integration.
- Built-in Wi-Fi access point for up to 50 devices.
- Cloud remote management and online firmware updates.



Bare unit

With IP68 enclosure



[Applications] Off-grid sites, environment & water monitoring, greenhouses, factories

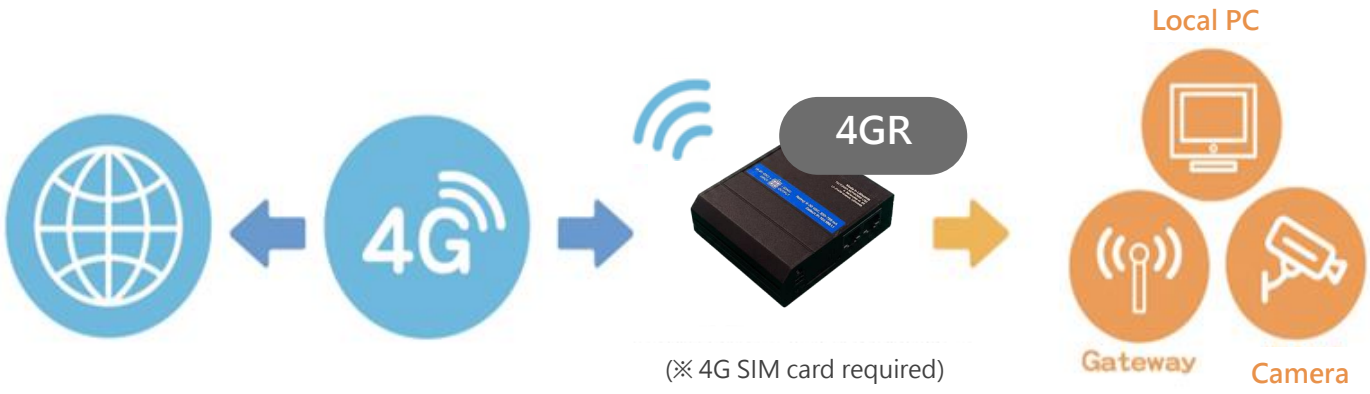
[Model Selection] 4GR-Code 1-Code 2

Code 1	Ethernet Ports	Code 2	Enclosure
N	WAN×1, LAN×1 (configurable as LAN×2)	N	No enclosure
		175	IP68 enclosure (PCW175)
4	4 LAN	ABS	IP68 enclosure 300*300*190mm

※ If Code 1 is 4 (4 LAN), Code 2 must be ABS.

※ The 4G router works only with an unlimited-data SIM plan.

[Connection Diagram]



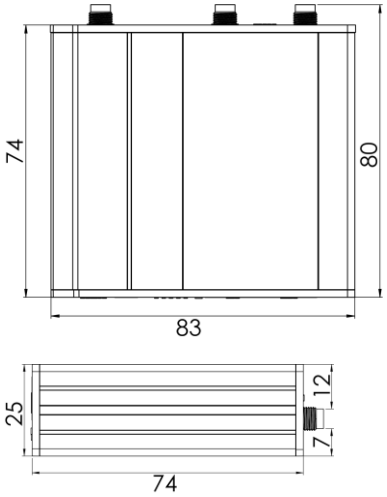
(※ 4G SIM card required)

[Specifications]

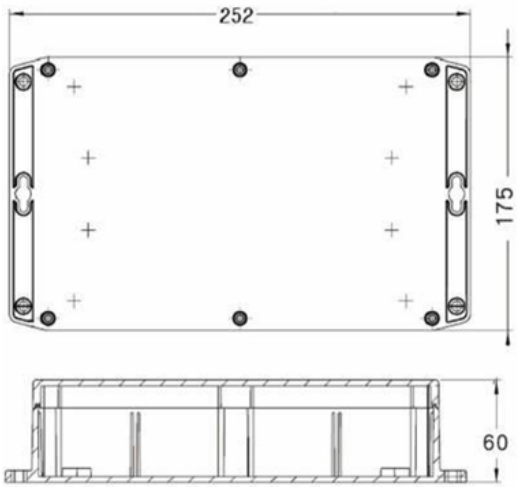
Power	9 ~ 30 VDC, reverse polarity protection, < 6.5 W	
Cellular	4G LTE Cat 4 (up to 150 Mbps download), 3G, 2G	
Processor & Memory	CPU	580 MHz
	Memory	128 MB RAM
	Storage	16 MB Flash
Interfaces	Ethernet	2 × 10/100 Mbps (1 WAN or LAN, 1 LAN)
	SIM	1 × external SIM slot (Mini SIM)
	Digital I/O	1 × DI, 1 × open-collector DO (30 V / 300 mA)
	Antenna	2 × SMA (LTE), 1 × RP-SMA (Wi-Fi)
Wi-Fi	802.11 b/g/n, access point / hotspot, up to 50 clients	
VPN	OpenVPN, IPsec, WireGuard, L2TP, PPTP, GRE	
Protocols	TCP, UDP, IPv4, IPv6, DNS, HTTP/HTTPS, MQTT, Modbus TCP	
Remote Logging	Syslog (UDP), configurable server address and port	
Network Management	SNMP v2c (Trap alerts), MIB provided	
Firewall	DDoS (SYN flood) and port-scan protection	
Environment	-40 ~ 75 °C, 10 ~ 90 %RH (non-condensing)	
Dimensions	83 × 74 × 25 mm (excluding antenna connectors), 125 g	
Ingress Protection	IP30 (unit); IP68 with waterproof enclosure	

[Dimensions] Unit: mm

Router



Code 2: 175 enclosure



Code 2: ABS enclosure

