

## ICR-W402

4G LTE, GPS, IEEE 802.11 b/g/n 2T2R Router

**NEW**



- Multi-band connectivity with LTE Cat 4 / FDD LTE/ TDD LTE/ WCDMA/ GSM
- IEEE 802.11b/g/n WiFi 2T2R
- Enhance security and encryption for authentication and transmission
- Provides dual SIM slots
- -30 ~ 70°C for using in harsh environments
- Compact size



This compact, cost-effective, industrial grade 4G LTE router, ICR-W402, provides 2 LAN plus 1 WAN Fast Ethernet connections and supports uplink to 2G/3G/4G cellular mobile data networks. Built for harsh environments, the router is equipped with a DI/DO interface, has WiFi compliant with IEEE 802.11b/g/n and features VPN Tunneling with Firewall and management capability. The ICR-W402 is easy to configure through its embedded Web user interface. It provides highly secure authentication, encryption and management, to protect your data between public and private networks and simplifies your complicated solutions for smart city and industrial networking.

### Features

- Highly reliable and secure for mission-critical cellular communications
- Compact and lightweight design with 2 LAN and 1 WAN Ethernet interfaces
- Supports multi-band connectivity with FDD LTE/ TDD LTE/ WCDMA/ GSM/ LTE Cat 4
- Provides IEEE 802.11b/g/n WiFi 2T2R
- LED indicators for connection and data transmission status
- Industrial temperature rated from -30 ~ 70°C for use in harsh environments
- Enhance security and encryption for authentication and transmission

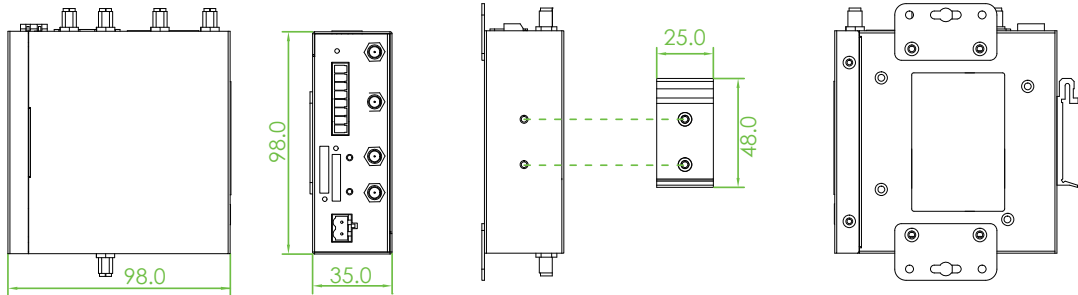
### Specifications

<b>Standard</b>	IEEE 802.3 10Base-T 10Mbit/s Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.1Q Virtual LANs (VLAN) IEEE 802.3x Flow control for Full Duplex IEEE 802.1X Port based and MAC based Network Access Control, Authentication	<b>Power Supply</b>	Power Consumption 7 Watt(Max) Power Input 12/24VDC
<b>LTE Interface</b>	Cellular MobilComm standard: (Please see order information for optional area and band) 4G LTE: FDD-LTE, TDD-LTE 3G: WCDMA 2G: GSM/EDGE LTE Data rate: Cat 4, 150Mbps (Down load) 50Mbps (up load)	<b>Operating Temperature</b>	-30 ~ 70°C
<b>WiFi Interface</b>	2x SIM slots IEEE 802.11b/g/n WiFi Standards Support AP, Client	<b>Storage Temperature</b>	-40 ~ 85°C
<b>Hardware Interface</b>	2x SIM slots 2x LAN Fast Ethernet port 1x WAN Fast Ethernet port Reset Button for device reset 1xRS232 (TXD/RXD/GND) and 1xRS485 2x SMA connectors for detachable LTE Antenna 2x RP-SMA for WiFi Antenna 1x SMA for GPS detachable Antenna	<b>Operating Humidity</b>	10 ~ 95% (non-condensing)
<b>Housing</b>	Rugged metal, Fanless, IP30 protection	<b>Warranty</b>	5 Years
<b>Dimensions (D x W x H)</b>	98 x 98 x 32mm	<b>Certification</b>	<b>EMC</b> CE (EN55032, EN55035) <b>Radio</b> EN62311 RED ETSI EN301 489-1 RED ETSI EN301 489-17 RED ETSI EN301 489-19 RED ETSI EN301 489-52 RED ETSI EN301 511 RED ETSI EN301 908-1 RED ETSI EN301 908-2 RED ETSI EN301 908-13 RED ETSI EN300 328 RED ETSI EN303 413
<b>Weight</b>	400g		
<b>Installation</b>	DIN Rail mounting, or wall mounting (optional)		
<b>LED Display</b>	1x Power 1x System 2x LTE signal (Good/Poor) 3x Ethernet LED for each port (LINK/ACT)		

## Software Specifications

<b>Network Protocols</b>	IPv4, DHCP server and client, PPPoE, Static IP, NTP, VRRP	<b>Others</b>	DDNS, UPnP, GPS TCP Push, MQTT
<b>Routing/Firewall</b>	NAT, DMZ, MAC Filter, URL Filter, IP Filter, VLAN, Static Routing	<b>Management</b>	Web GUI for remote and local management Syslog monitor Remote management via SSH v2, HTTPS Local management via Telnet, SSH v2, HTTP/HTTPS
<b>VPN</b>	OpenVPN, IPSec, GRE, PPTP, L2TP		
<b>WiFi</b>	Multiple SSID Security with WEP, WPA, WPA2, WPA-PSK, WPA2-PSK Supports WiFi AP mode, Client mode		

## Dimensions



Side View

Front View

Rear View

DIN-Rail Kit View

Wall-Mount Kit View  
(Optional accessory)

## Ordering Information

Model Name	Managed	WAN			LAN			Certification	
		Cellular Mobile Band	10/100 Base-TX	WiFi IEEE 802.11 b/g/n	10/100 Base-TX	DI/DO	CE	RED	
ICR-W402-EUX	V	see Region code table-EUX	1	1	2	1	V	V	
ICR-W402-AUX	V	see Region code table-AUX	1	1	2	1	V	V	

## Region Code Table

Region Code	4G LTE		3G	2G	Region
	FDD LTE	TDD LTE	WCDMA	GSM / EDGE	
<b>EUX</b>	B1(2100), B3(1800), B28A(700), B7(2600), B8(900), B20(800)	B38(2600), B40(2300), B41(2500)	B1(2100), B8(900)	B3(1800), B8(900)	Europe, Africa, Middle East, Korea, Thailand, India
<b>AUX</b>	B1(2100), B2(1900), B3(1800), B4(1700), B5(850), B7(2600), B8(900), B28(700)	B40(2300)	B1(2100), B2(1900), B5(850), B8(900), B4(1700)	B2(1900), B3(1800), B5(850), B8(900)	ANZ, South America, Taiwan

## Optional Accessories

### Antenna Accessories

<b>ANT-BASE-01</b>	Antennas Base with Magnetic, SMA (Male) connector, 1.5meter for 4G LTE extension
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ANT-BASE-01

### Industrial Power Supply

<b>MDR-20-24</b>	Industrial Power, Input 85 ~ 264VAC/120 ~ 370VDC, Output 24VDC, 20W, -20 ~ +70°C
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