

## Cellular Router

Industrial cellular routers combine Ethernet WAN/LAN, Wireless LAN and 4G LTE cellular technologies to provide flexible network connectivity for remote access applications. CTC's industrial cellular router series support secure VPN communications, GPS, static and dynamic IP routing of RIP1/2 and OSPF, NAT, port forwarding, Firewall, built-in DI/DO and Serial port services. These devices use the highest level of industrial grade design for operating in harsh environments. Models available that support 2CA and use Cat 6 modules.



Model Name	ICR-W401	ICR-W402	ICR-GW404	ICR-W405/405
<b>WAN Port</b>				
4G LTE, 3G	1, cat 4	1, cat 4	1, cat 4	1, cat 4
SIM Card Slot	1	2	2	2
LTE Antenna (SMA)	2	2	2	2
RJ45 10/100 Base-TX	1	1 (configurable)		
RJ45 10/100/1000 Base-T			1 (configurable)	1
<b>LAN Port, WiFi, I/O &amp; GPS</b>				
WiFi IEEE802.11	b/g/n	b/g/n	b/g/n/ac	a/b/g/n/ac
WiFi Antenna (RP-SMA)	2	2	2	2 (ICR-W405)
RJ45 10/100 Base-TX	1	3		
RJ45 10/100/1000Base-T			4	4
RS232	1	1	1	1
RS485		1	1	1
DI/DO	1x DI, 1x DO	1x DI, 1x DO	2x DI, 1x DO	1x DI, 1x DO
GPS	V		V	V
GPS Antenna (SMA)	V		V	V
<b>Power</b>				
Power Input	Single 12/24/48VDC	Dual 12/24/48VDC	Single 12/24VDC	Dual 12/24/48VDC
<b>Physical</b>				
Housing	Metal, IP30	Metal, IP30	Metal, IP30	Metal, IP30
Dimension (D x W x H) (mm)	75 x 92 x 30	98 x 98 x 32	132 x 112 x 44	128 x 139 x 38
Din Rail Kit	V	V	V	V
<b>Certification</b>				
Safety	EN62368-1	EN62368-1	EN62368-1	EN62368-1
Radio	RED, NCC	RED	RED	RED
CE	V	V	V	V
Shock / Freefall / Vibration	V	V	V	V
<b>Operating Temperature</b>				
	-30 ~ 70°C	-30 ~ 70°C	-30 ~ 70°C	-40 ~ 70°C (ICR-405)
				-40 ~ 60°C (ICR-W405)
<b>Network Protocols</b>				
Modbus/TCP		V	V	V
MQTT	V			V