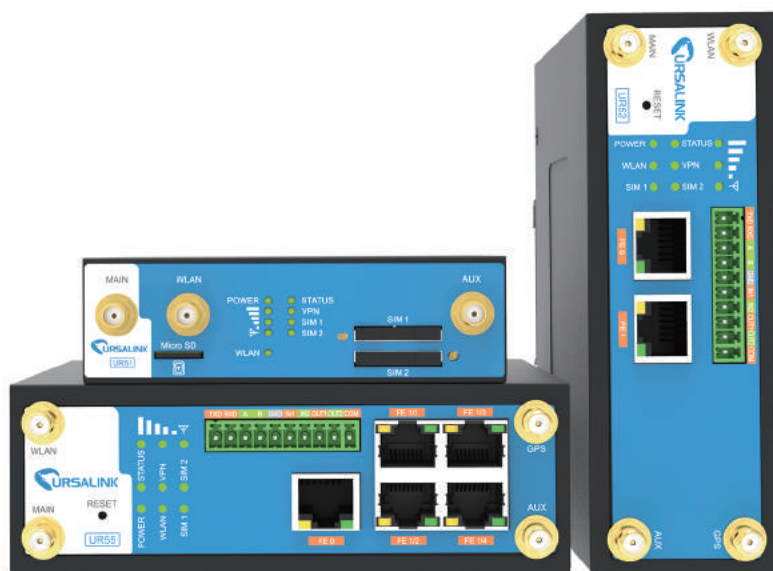


# UR5x Series Industrial Cellular Router

Cost-Effective Networking  
Platform for M2M Applications



Dual SIM Backup with  
High-Speed LTE Network



Establishes Connections  
between Remote PLC and SCADA



Dual-Band Wi-Fi Compliance  
with 802.11b/g/n/ac



Comprehensive Industrial  
Interfaces: Serial Port, DI/DO



Multiple Encryption Tunnels  
for Data Transmission Security



Integrated GPS with High  
Accuracy Positioning

# Specifications

		UR51	UR52	UR55	
Capabilities	CPU	528 MHz, 32-bit ARM Cortex-A7			
	Flash	128 MB			
	Memory	128 MB DDR3			
	Built-in	Watchdog, RTC			
	GPS	GPS + GLONASS			
	Micro SD	Supports micro SD card up to 128 GB			
Interfaces	SIM Slots	2			
	Ethernet Ports	1 x 10/100 Mbps (Optional: PoE Output)	2 x 10/100 Mbps	5 x 10/100 Mbps	
	Serial Ports	1 x RS232 or 1 x RS485	1 x RS232 + 1 x RS485 or 2 x RS232 or 2 x RS485		
	Digital (I/O)	N/A	2 x DI + 2 x DO		
	Antenna Connectors	2 x Cellular Connectors, 1 x Wi-Fi Connector, 1 x GPS Connector (Center Pin: SMA Female)			
Network	Network Protocols	PPP, PPPoE, SNMP v1/v2c/v3, TCP, UDP, DHCP, RIP v1/v2, OSPF, DDNS, VRRP, HTTP, HTTPS, DNS, ARP, QoS, SNTP, Telnet, VLAN, SSH			
	AAA	RADIUS, TACACS+, LDAP, Local Authentication			
	Firewall	ACL/DMZ/Port Mapping/MAC Binding			
	Wi-Fi	IEEE 802.11b/g/n/ac			
	Serial Port	Transparent (TCP Client/Server, UDP), Modbus Gateway (Modbus RTU to Modbus TCP), Modbus Master			
	VPN	OpenVPN, IPsec, PPTP, L2TP, DMVPN, GRE			
	Reliability	VRRP, WAN Fail-over, Dual SIM Backup			
Maintenance	Management	Web, CLI, SMS, Watchdog, On-demand Dial Up			
	Multilevel Authority	Multiple Levels of User Authority			
Hardware	Power Input	9-48 VDC (48 V Power Input is Needed for 802.3af PoE Output)	9-48 VDC		
	Power Output	1 x 802.3af PoE Output	N/A		
	Power Consumption	Typical 1.8 W (Max 2.7 W) in non-PoE mode	Typical 2.5 W (Max 4.1 W)	Typical 2.8 W (Max 5.0 W)	
	Ingress Protection	IP30			
	Housing & Weight	Metal, 365 g (0.80 lb)	Metal, 460 g (1.01 lb)	Metal, 481 g (1.06 lb)	
	Dimensions	100 x 96.1 x 30 mm (3.94 x 3.78 x 1.18 in)	132 x 103.8 x 45 mm (5.20 x 4.09 x 1.77 in)		
	Mounting	Desktop, Wall or DIN Rail Mounting			
Others	Operating Temperature	-40°C to +70°C (-40°F to +158°F) Reduced cellular performance above 60°C			
	Storage Temperature	-40°C to +85°C (-40°F to +185°F)			
	Relative Humidity	0% to 95% (non-condensing) at 25°C/77°F			
	Certifications	RoHS, CE, FCC			
	Frequency Band*	E	LTE: B1/B3/B5/B7/B8/B20/B38/B40/B41	3G: B1/B5/B8	GSM: B3/B8
		EU	LTE: B1/B3/B7/B8/B20/B28A/B38/B40/B41	3G: B1/B8	GSM: B3/B8
AF		LTE: B2/B4/B5/B12/B13/B14/B66/B71	3G: B2/B4/B5		
AU		LTE: B1/B2/B3/B4/B5/B7/B8/B28/B40	3G: B1/B2/B5/B8	GSM: B2/B3/B5/B8	