

LT-4GPOEW1 Industrial Cellular Router

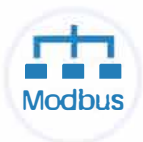
Cost-Effective Networking
Platform for M2M Applications



Dual SIM Backup with
High-Speed LTE Network



Establishes Connections
between Remote PLC and SCADA



Supports Modbus TCP and
Modbus RTU Protocols



Comprehensive Industrial
Interfaces: Serial Port, DI/DO



Multiple Encryption Tunnels
for Data Transmission Security



Remote Management
Platform Supported

Specifications

		LT-4GPOEW1	LT-4GPOEW4		
Capabilities	CPU	528 MHz, 32-bit ARM Cortex-A7			
	Flash	128 MB			
	Memory	128 MB DDR3			
	Built-in	Watchdog			
	GPS (Optional)	GPS + GLONASS			
	Micro SD	Supports micro SD card up to 128 GB			
Interfaces	SIM Slots	2			
	Ethernet Ports	2 x 10/100 Mbps	5 x 10/100 Mbps		
	Serial Ports	1 x RS232	1 x RS232 + 1 x RS485		
	DI/DO	1 x DI + 1 x DO			
	Antenna Connectors	2 x Cellular Connectors 1 x Wi-Fi / GPS Connector	2 x Cellular Connectors 1 x Wi-Fi 1 x GPS Connector		
Network	Network Protocols	PPP, PPPoE, SNMP v1/v2c/v3, TCP, UDP, DHCP, RIP v1/v2, OSPF, DNS, VRRP, HTTP, HTTPS, DNS, ARP, QoS, SNMP, Telnet, VLAN, SSH			
	AAA	RADIUS, TACACS+, LDAP, Local Authentication			
	Firewall	URL Filtering/ACL/DMZ/Port Mapping/MAC Binding/SPI/Dos/DDos			
	Wi-Fi (Optional)	IEEE 802.11b/g/n			
	Serial Port	Transparent (TCP Client/Server, UDP), Modbus Gateway (Modbus RTU to Modbus TCP), Modbus Master			
	Reliability	VRRP, WAN Fail-over, Dual SIM Backup			
	VPN	OpenVPN, IPsec, PPTP, L2TP, DMVPN, GRE			
Maintenance	Management	Web, CLI, SMS, Watchdog, On-demand Dial Up			
	Multilevel Authority	Multiple Levels of User Authority			
Hardware	Power Input	9-48 VDC			
	Power Output (Optional)	2 x 802.3af/at PoE PSE	4 x 802.3af/at PoE PSE		
	Ingress Protection	IP30			
	Housing & Weight	Metal, 271g (0.60 lb)	Metal, 481g (1.06 lb)		
	Dimensions	108x90x26 mm (4.25x3.54x1.02 in)	135x100x45 mm (5.31x3.94x1.77 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	