



25105G

Outdoor 5G Router

The 25105G is a high-performance 5G router delivering transmission speeds of up to 4Gbps. It is engineered to provide fast, stable, and reliable network connectivity across demanding outdoor environments.

IP67 Protection

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Built with a durable aluminum enclosure, the router features an IP67-rated waterproof, dustproof, and fully sealed design, ensuring optimal performance even in harsh conditions.

Business Applications

- Outdoor network terminals
- Remote locations
- Mining and oil industries
- Automated factories

Specifications

Hardware			
Cellular	5G: n1/2/3/5/7/8/12/14/18/20/25/26	Hardware	MIPS Dual-Core 880 MHz
	28/29/30/38/40/41/48/66/70/71/75/76/	System	32MB Flash, 512MB DDR3 RAM
	77/78/79;		16–256GB Storage (optional)
	FDD-LTE: B1/2/3/4/5/7/8/12/13/14/17/18/		Hardware Watchdog
	19/20/25/26/28/29/30/32/66/71;		
	TDD-LTE: B34/38/39/40/41/42/43/48;		
	LAA: B46;		
Interface			
Interface	1×LAN PoE PD (Power input interface)	GPS(Optional)	Sensitivity: -160dBm
	2×LAN PoE PSD (Power output interface, 802.3af/at Max 60W optional)		Accuracy: 2.5m CEP
	2×SIM Slot (2FF Mini SIM Card)		Update Rate: 1Hz/5Hz
	4×SMA-F (Female) 5G Antenna		Time to First Fix: Cold Start: 27s
	2×SMA-F 2.4/5.8GHz Wi-Fi Antenna		Hot Start: 1s
			Protocol: NMEA-0183 v3.3
LED Indicators	Signal	WI-FI	IEEE 802.11 b/g/n/ac 2+2 MIMO
	Error PWR WLAN		WiFi6(Optional)IEEE802.11 b/g/n/ac/ax,1+1 MIMO
Consumption			
Consumption	Voltage: DC 7.5–32V (Standard 12V/2A	Other	Metal with Grounding Screw
	Power Adapter) SIM/μR-UM Card: ×3 Idle: ≤600mA @12VDC Online: ≤800mA @12VDC		Waterproof Rating: IP67 Dimensions: 216 × 216 × 70 mm Weight: 1.8 kg Operating Temperature: -30°C to +75°C Storage Temperature: -40°C to +85°C Relative Humidity: 0–95% (non condensing) Warranty: 24 Months

Software			
Operating System	OS based on Linux	Wirewall	IP Filter Mac Filter

Network	IPv4, IPv6 (Optional)	Network	ICMP Check
Protocol	PPPoE	Monitoring	Traffic Check
	UDP / TCP / ICMP / NTP / DHCP / Modbus TCP		Traceroute
	HTTP / HTTPS		Data Capture
	Static / RIPv1 / RIPv2		QoS
	SNMP		Data Traffic Graph
			TR069, SNMPv2 / v2c / v3
VPN	PPTP / L2TP	Network	5G / WAN Failover
	GRE	Feature	VLAN
	IPsec		Bandwidth Management
	OpenVPN		IP Passthrough / Port Redirection
	DMVPN		Static / Dynamic Routing
	WireGuard		
Router	Horizon DMS Cloud Managemen	WLAN	2.4G
Management	Platform		5G
			2.4G & 5G Mixed

Package List

Items	Qty
25105G ODU Unit	1
PoE Adapter	1
Pole Mounting Kit	1
N-Type 5G Antennas	4
N-Type Wi-Fi Antennas	2
Ethernet Cable	1

