

Ultra SAM3T Modem Router



The InterceI UltraSAM 3G and 4G routers are industrial-grade cellular modem routers supporting various networks and service types including UMTS/HSDPA/HSPA/4G/LTE and delivering high download speeds of up to 14.4 Mbps (3G) and 100 Mbps (4G).

The **UltraSAM modem series** support both Ethernet and Serial interfaces in PAD mode that makes it ideal for a wide range of M2M applications including remote networking, industrial monitoring, fleet management, SCADA systems and video surveillance.

Standard Features:

- Static/Dynamic routing with TCP/IP, DHCP/ DHCP relay
- Advanced routing RIP/VRRP and configurable static routes
- NAT and Port forwarding, MAC address binding
- Serial connection via PAD (**P**acket **A**ssembly/**D**isassembly) function
- Advanced security features: OpenVPN, PPTP client and IPsecVPN function
- NTP/DST synchronisation
- SNMP with cellular specific MIB, PPPoE and MAC address filtering
- Remote login via Static IP or DDNS for dynamic IP connection
- Periodic reset and SIM management
- Built-in SMS functionality, capable of sending and receiving SMS
- GNSS/GPS capability (optional external antenna is required)
- AT-Commands Over Ethernet capability

Device Specifications

Cellular Bands Supported	3G: 800, 850, 900, 1900, 2100 MHz
	4G/LTE: 800, 900, 1800, 2100, 2600MHz
Available Interfaces	WAN: Internal 3G module
	LAN: 1 x 10/100 Mbps Ethernet auto-sensing
	Serial: 1 x RS232
	USB: 1 x USB2.0
	SIM interface
Antennas	Power connection
	2 x External SMA Antennas (MIMO Feature)
LED Status Indication	1 x External GPS Antenna (Optional)
	Power
	LAN connectivity
Environmental Specification	WWAN connectivity
	Operating temperature -30°C, +85°C
Modem Dimension	Storage temperature -40°C, +85°C
	128 x 102 x 29 mm
Package Content	1 x UltraSAM Modem Router
	1 xAC Power adapter
	2 x multi-band antennas
	1 x Ethernet cable