

Compact Industrial Router

SR402 4G IoT Compact Router

The SMANEX SR402 IoT Compact Router is an entry-level 4G router designed for industrial applications. With its compact design, it features a rugged enclosure and accessories that can be mounted on the wall. The router offers dual SIM functionality, 2 x Ethernet ports, VPN capability, and pre-installed software. The SR402 can be utilized in various IoT applications, such as KIOSK, Environmental Monitoring, Smart Grid, Smart City, etc.



Hardware Spec

Interfaces	Ethernet	1*WAN/LAN, 2*LAN 10/100 Mbps
	Serial Port	RS232 or RS485
	SIM	2
	DI/O	1
	WiFi	IEEE802.11a/b/g/n
	Antenna	3G/4G: SMA*2
	GPS (optional)	SMA*1
Power	Power Input	DC12-48V, POE (optional)
	Consumption (operation)	300mA@12VDC (3/4G)
	Consumption (Stand-by)	160mA@12VDC
Ambient Temperature	Relative humidity	≤ 95% (no condensation)
	Operating Temperature	-40 ~ +75°C
	Storage Temperature	-40 ~+85°C
Certificate	EMC	EN61000-4-2, level 4 EN61000-4-3, level 3 EN61000-4-4, level 4 EN61000-4-6, level 3 EN61000-4-8, >level 4

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Software Spec

Network	Connectivity	LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/B40/B41 WCDMA: B1/ B5/ B8/ GSM: B3/B8
	WAN	Static IP, DHCP, PPPoE
Network Protocols	IP Routing	Static Router, RIP, OSPF (optional)
	DDNS	DYDNS, CHANGEIP, 88ip, 3322
Security	Firewall	NAT, PAT, DMZ, Port Forwarding, Virtual Server
	VPN	IPSec VPN, L2TP, PPTP, GRE, OPENVPN
Reliability	Redundancy	Dual SIM
	Link On-line Detection	Keep Session
		ICMP, Internet Control Message Protocol
Industrial Protocol	Embedded Watch Dog	Hardware Watch Dog
	Collection Protocols	Modbus TCP Master, Modbus RTU Master
	Upload Protocols	Modbus TCP Client, MQTT Client
Management	Configuration	Local or Remote HTTP, HTTPS, Telnet, SSH
		Parameter Backup and Recovery
		SNMP v2c
		Configuration via cloud platform
	Upgrade	Local upgrade
		Remote upgrade via WEB/TFTP/FTP
		Upgrade via cloud server
	Log Management	Local and remote log management
	Reboot	Remote reboot with scheduling
	PING	Internet diagnosis