

SR403G/503G Industrial Gigabit Router

The SMANEX SR403G/503G is a high-performance 4G/5G gigabit router designed for Industrial applications. With its compact design, it features rugged enclosure and accessories that can be din-railed on the wall. The SR403G/503G supports dual SIM redundancy wireless communication, 2x Gigabit Ethernet ports, VPN capability, and pre-installation software. The router can be utilized in various IoT applications, such as smart energy, oil and gas, traffic, and industrial automation.



Hardware Spec

Interfac+A1:C18es	Ethernet	1*WAN/ 2*LAN or 3*LAN 10/100 Mbps
	Serial Port	2*RS232, 2*RS485
	SIM	2
	DI/O	1
	WiFi	IEEE802.11a/b/g/n/ac
	Antenna	3G/4G: SMA*2 5G: SMA*4
	GPS (optional)	SAM*1
Power	Power Input	DC12-48V
	Consumption (operation)	350mA@12VDC (3/4G) 500mA@12VDC (5G)
	Consumption (stand-by)	260mA@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

FEATURES

Industrial IoT Router

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
Embedded Watch Dog	Hardware Watch Dog	
Industrial Protocol	Collection Protocols	Modbus TCP Master, Modbus RTU Master
	Upload Portocols	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	

FEATURES