

# Compact Industrial Router

## 4G IoT Compact Industrial Router

SMANEX SR405 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 a wall. The router offers dual SIM functionality, 4x Ethernet ports, VPN capability, and pre-installed software. The SMANEX SR405 can be utilized in various IoT applications, such as KIOSK, Environmental Monitoring, Smart Grid, Surveillance, Smart City, etc.



## Hardware Spec

Interfaces	Ethernet	1*WAN/ 4*LAN, 5*LAN 10/100Mbps
	Serial Port	RS232 or RS485
	SIM	2
	WiFi	IEEE802.11a/b/g/n
	Antenna	4G: SMA*2 WiFi: SMA*2
Power	Power Input	9---36VDC
	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	CE/RoHS	

## FEATURES

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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
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
Management	Configuration	Local or Remote MQTT, HTTP, HTTPS, Telnet, SSH
		Parameter Backup and Recovery
		SNMP v1/v2/v3
		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