

SR405 4G IoT Compact Router

The SMANEX SR405 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, 5 x Ethernet ports, VPN capability, and pre-installed software. The SR405 can be utilized in various IoT applications, such as KIOSK, Environmental Monitoring, Smart Grid, Smart City, etc.



Hardware Spec

| | | |
|---------------------|-------------------------|---|
| Interfaces | Ethernet | 1*WAN/4*LAN or 5*LAN 10/100 Mbps |
| | Serial Port | RS232 or RS485 |
| | SIM | 2 |
| | DI/O | - |
| | 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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Compact Industrial 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 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 | |

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