

VPN LTE ROUTER

SCR-L200



DESCRIPTION OF FUNCTIONS

The SCR-L200 is an industrial router that allows a secure connection between local and distant networks via the ultra fast LTE wireless standard. Both the built-in firewall and the ability to connect via VPN or IPsec, ensure the security of data.

TECHNICAL DATA

Power supply:	12...24 V DC ($\pm 20\%$)
Power consumption:	typical approx. 2,5 W, max. 6,0 W Sleep mode: typical approx. 55 mW
System time:	NTP client and server, real-time clock
Firmware updates:	Incremental, fail-safe, automated via update server (http, ftp, https, ftps)
Mobile communication:	
Networks:	2G/GPRS/EDGE: 900/1.800 MHz; CSD, GPRS/EDGE Class 12 ((DL: max. 85,6 kbps, UL: max. 85,6 kbps) 4G/LTE*: 700, 800, 900, 1.800, 2.100 MHz (bands 1, 3, 8, 20, 28) LTE Cat. 1 (DL: max. 10,2 Mbps, UL: max. 5,2 Mbps)
	<p>*Please check the availability of the LTE frequencies in the planned operating area. Above specified frequencies are currently used in Europe, Middle East, Africa and, to some extent, in the Asia-Pacific region, Australia and South America</p>
Antenna connection:	1x SMA female*
SIM:	1 Slot for 1 Mini-SIM card (2FF)
Router:	
Function:	Up to 5 IP networks local (LAN) or as WAN, VLAN incl. tags and trunk ports; own DHCP server per IP network, static routing, routing priority configurable; dynamic routing OSPF, BGP, RIP, RIPv2, RIPng; netfilters: DNAT, SNAT, IP/port forwarding, netmapping, DNS relay, dynDNS support
Security:	OpenVPN (client and server), IPsec, GRE (incl. multi-port), DMVPN, IP filters (stateful firewall) also in VPN tunnel, several VPN tunnels in parallel possible, MAC filters, PPTP server
Redundancy:	WAN chains: several WAN accesses configurable (prioritised and event-controlled), WAN groups: parallel operation of WAN interfaces or VPNs, several OpenVPN servers Dual APN (cellular only): traffic division across 2 APNs - e.g. for separating payload and management data

DISPLAY / OPERATION

LED display:	Power, WAN (Internet connection), Signal (for cellular radio)
Configuration:	Local and remote web interface (http, https; with session management), command line interface (CLI), Telnet, SSH, ASCII and binary file (also for backup), configuration management with switchable profiles (event-controlled)
Authentication:	Several users, different user roles and rights, certificate-based authentication with revocation list

INTERFACES / SWITCH

Ports:	2 x RJ45
Operation mode:	2x RJ45, 10/100 MBit/s, full/half-duplex, auto MDI-X, 1.5 kV isolation voltage
Function:	Each port can be freely assigned to the IP networks, Link up/down detection, configuration port

PRODUCT CERTIFICATES

Product certificates:	CE
EMV	EN 55032 CLASS B; Immunity: EN 61000-6-2, EN 55024
Security:	IEC 62368-1
Temperature tests:	EN 60068-2-1, EN 60068-2-2, EN 60068-2-14, EN 60068-30

INSTALLATION

Installation:	DIN top-hat rail (TS 35) (with included DIN top-hat rail kit)
IP protection class:	IP40 (housing) IP30 (terminals)
Dimensions (W x H x D):	41,5 x 90 x 105 mm (Switch cabinet) 105 x 90 x 41,5 mm (Building distribution box)
Operating temperature:	-30...+70 °C
Relative humidity:	0...95 % (non-condensing)
Terminals:	2-pin terminal connectors, rigid/flexible conductors up to 2.5 mm ²

Further information: www.meteocontrol.de