

DIN rail MoRoS LAN

Shape	Transmission technology						
	3G/HSPA	GSM/GPRS/EDGE	xDSL	Ethernet	WLAN	Analogue	ISDN
DIN-Rail serial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DIN-Rail network	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Desktop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19" Rack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Embedded Module	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Remote access to Ethernet devices

MoRoS LAN PRO is a LAN to LAN router with integrated firewall and VPN server and client. The integrated 4 port switch allows the direct connection of up to 4 network devices.

The configuration of the MoRoS device is easy and fast via a web interface. The MoRoS can be used at the control center or in the field. He will establish a connection to the intranet as well to the internet with an ADSL modem.

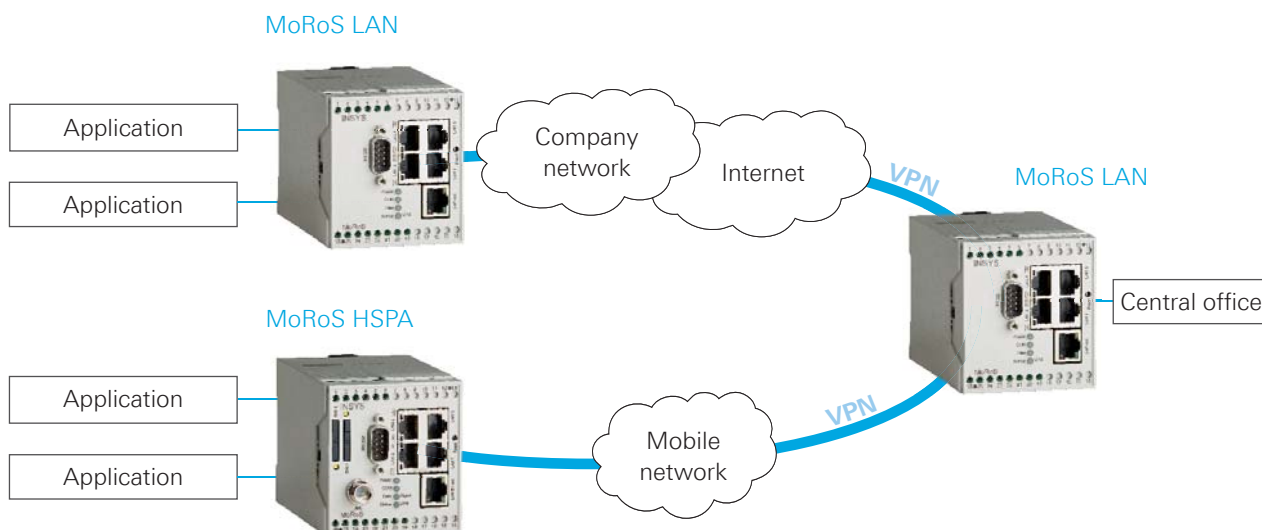
With the integrated Linux Sandbox users can implement their own applications.

Features

- 4-port switch with 10/100 MBit/s
- Firewall
- User programmable Linux Sandbox
- Security with VPN
- Connection to INSYS Connectivity Service possible

Applications

- VPN server for the control centre as counterpart for MoRoS Modem, ISDN, GPRS PRO, HSPA in the field
- VPN client for a secured access to a customer net



Technical data

MoRoS LAN

External network	1 x RJ45, 10/100 Mbps, full-/half-duplex, PPPoE for ADSL modem, DHCP client, static IP
Local area network	4 x RJ45, 10/100 MBit/s for full and half duplex operation automatic speed adjustment; MDI/MDI-X, port mirroring, DHCP server
Router	
Function	Connection management, DHCP server and client, full NAT (port forwarding, netmapping), DNS relay, dynDNS support, PPPoE client for ADSL, SNMP, NTP client and server, buffered real-time clock
Security	OpenVPN (client and server), IPsec, PPTP, MAC firewall, linkloss detection, failed login detection, GRE
Redundancy	LAN ext port and external DSL modem, Cellular, RS-232 interface and external telephone modem, 2 SIM cards, 2 dial-out target, 2 OpenVPN server
Serial interface	Serial-Ethernet-Gateway (incoming and outgoing connections, modem emulation)
Configuration	Web interface local and remote, text- and binary files, automatic updates
I/Os	2 inputs to send SMS or e-mail, establish dial-out connection, VPN tunnel 2 isolated outputs switchable with the configuration surface, time-steered, displays PPP connection, displays VPN connection
Programming	User access to an embedded Linux system (Sandbox), 150 MB permanent file system, socket access, sample programs: e-mail and sms client, serial logger etc.
Messages	E-mail, SNMP traps
Additional features	Update firmware and configuration (local and remote), hardware watchdog, system message via e-mail
Electrical features	
Power supply	10...60 V DC ($\pm 0\%$)
Power consumption	approx. 2.5 W (during connection)
Physical features	
Size in mm	110 l x 70 w x 75 h
Betriebstemperatur	-30...+ 70 °C -30...+ 85 °C under limited conditions (refer to www.insys-icom.com/restricted)

Product description	Features	Order number
MoRoS LAN 2.1	LAN-LAN router	10000208

Establish VPN connections the easy and secure way.

With the INSYS Connectivity Service!

www.insys-icom.com/connectivity



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