

MoRoS LAN PRO connects industrial networks

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Regensburg – MoRoS LAN PRO, a robust industrial router from INSYS MICROELECTRONICS, connects Ethernet networks directly or via the internet. The device, which is suitable for DIN rail mounting and measures 70 x 110 x 75 mm, features a DSL modem interface, thereby ensuring internet connectivity.



Figure: MoRoS LAN PRO connects local networks to control stations – directly or via the internet

Connections can be established dynamically or periodically. Moreover, MoRoS LAN PRO comes with an Ethernet interface which enables LAN connection, an integrated switch with four RJ45 ports enabling the direct connection of four nodes, and a serial RS232 interface with an Ethernet gateway which allows users to address connected serial devices directly via the MoRoS IP address on a freely definable port.

Like all INSYS PRO devices, MoRoS LAN PRO provides increased security thanks to VPN (Virtual Private Network) support and an integrated firewall. MoRoS LAN PRO supports client and server operation: the unit can be employed as a VPN server in the control center (e.g. as a remote node for MoRoS GPRS PRO devices) or as a client for secure access to remote networks. To ensure maximum security and optimal ease of use, the device uses the OpenVPN protocol. A web-based user interface allows for configuration and firmware updates.

The router establishes TCP/IP connections via NAT, and port forwarding allows for configuration or status requests via the control center.