Conel

Industrial router XR5i

Enhanced IP security...

router
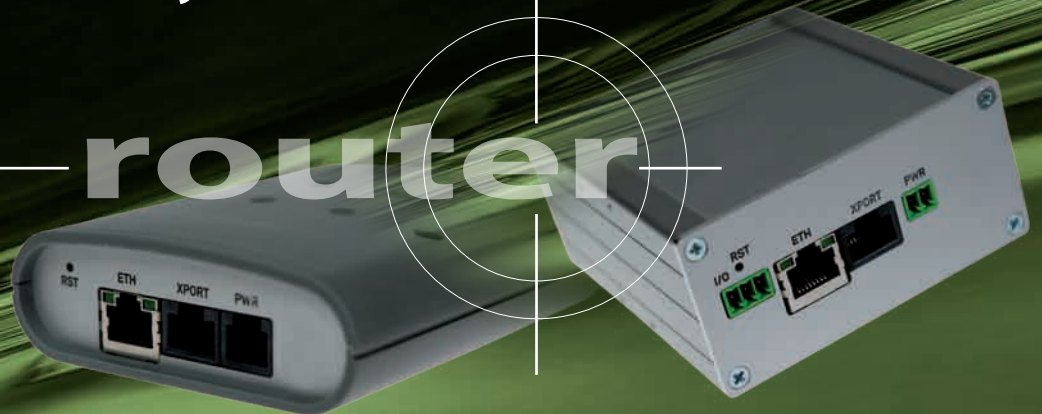
...protect your LAN networks

Technologic LAN network

XR5i

Company LAN network

DSL modem/router
Wireless modem/router

VPN secure tunnelling

Internet

SCADA
visualization/data
processing
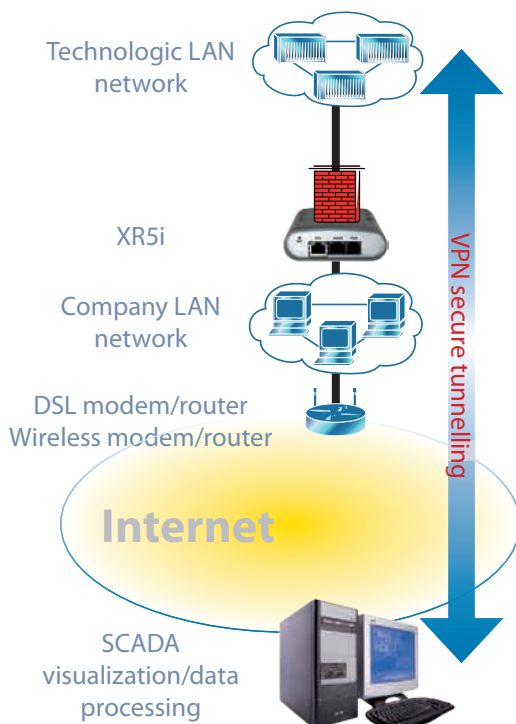
2 x Ethernet possible

VPN tunnelling supported

Serial interfaces available

XR5i router provides possibility to interconnect securely LAN networks, create secure VPN tunnels into remote LAN, to connect equipment with serial interface into LAN or remote network, transfer binary/analogue signals to remote PC via Internet or intranet etc.

As example XR5i router securely separates LAN networks, (e.g. technologic and administrative one in company) connected to Internet. This solution minimizes security risks in IP communication and

optimizes performance of separated networks. XR5i would be equipped by 2 independent Ethernet 10/100 interfaces with implemented functions for private virtual networks creating (VPN).

In standard is XR5i delivered with one Ethernet port 10/100 with possibility to extend basic model for one more optional interface according to request of customer. Router would be delivered in plastic or metal case.

for devices with interface

ethernet

USB■RS232■RS485■MBUS■I/O

Available interfaces

• 1 x Ethernet 10/100

On request of customer one more optional interface
from list below:

• Ethernet 10/100
• RS232
• RS458/422
• MBUS
• CNT (I/O)

Standard version in plastic cover

Version SL - metal cover

VPN tunnelling

• Available secure encrypted VPN Tunnels
  - IPsec
  - OPEN VPN
  - GRE
  - L2TP

Networking

• DHCP – automatic IP addressing in LAN network (client/server)
• VRRP – virtual backup router function
• NAT – IP address and ports translation between
  inside/outside network
• DynDNS client – access to the router with a dynamic IP address

Configuration and diagnostics

• HTTP – router administration and configuration via web
  interface
• Firewall – LAN protection against unauthorized access
  from outside network
• Telnet – configuration and access to the file system
• SNMP – remote administration via SNMP
• Automatic configuration of router group/groups from one server
• NAT – IP address and ports translation between
  inside/outside network

Other functions and features

• NTP – client/server (time synchronization)
• Linux based, possibility to program your own application
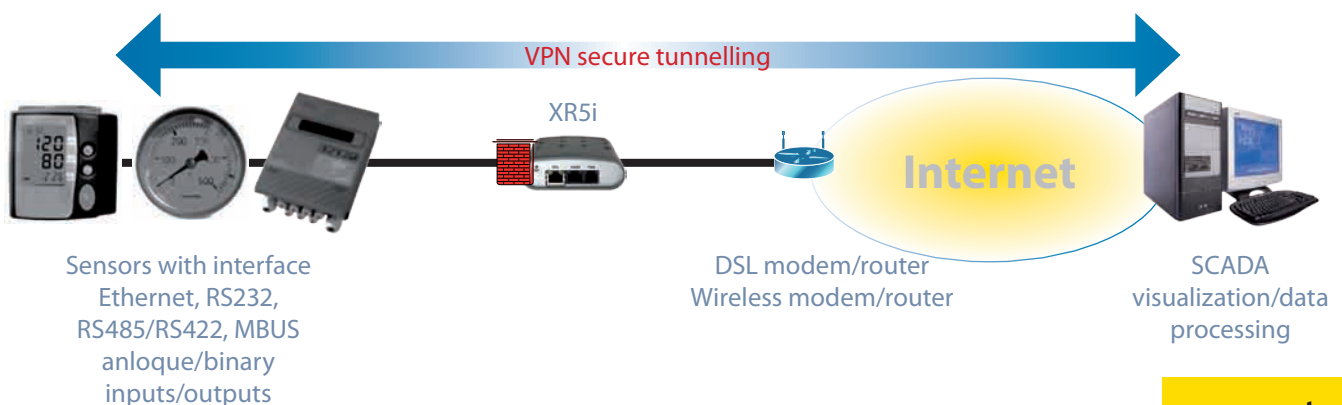• Metallic or plastic cover

General overview	
Temperature range	from –20 ºC to +55 ºC
Power supply	10 V to 30 V DC
User interface	1 × Ethernet (10/100 Mbit/s) 2 × USB 1.1 type A Host 1 × Optional Port 1 – on request of customer one of the following interfaces: • Ethernet 10/100 • RS232 • RS485/RS422 • MBUS • inputs/outputs (I/O) 1 × I/O in metal cover version in standard
Dimensions	30×90×102 mm (DIN rail 35 mm)
Weight	150 g
Antena connector	FME – 50 Ohm
Standards	comply CE EN 301 511, v9.0.2 EN 301 908–1&2, v2.2.1 ETSI EN 301 489–1 V1.8.1 EN 60950–1 ed. 2

VPN secure tunnelling

XR5i

Internet

Sensors with interface
Ethernet, RS232,
RS485/RS422, MBUS
anloque/binary
inputs/outputs

DSL modem/router
Wireless modem/router

SCADA
visualization/data
processing

contact