

MADE
IN
GERMANY



Industrial Data Communication

MRX

The fully-modular industrial router

Flexible.
Powerful.
Future-proof.



available as of
July 2015

The New **MRX Series**

Flexible. Powerful. Future-proof.

There's a growing trend for modularity. Globalisation and dynamic markets expect more and more flexibility in all respects from many companies.

The new MRX industrial router series provides you with the creative freedom and the security for your investment that are necessary for these demands. Benefit from an optimum cost/performance ratio and extended service life.

Like all INSYS icom routers, this fully-modular router platform is also characterised by an extremely high system stability, longevity and a consistent web-based user guidance. This makes it perfectly suitable for industrial environments. VPN and a stateful firewall as well as further IT security features are integrated.

The new MRX series is at first available in the two shown basic variants and housing widths together with various plug-in cards (MRX-cards).

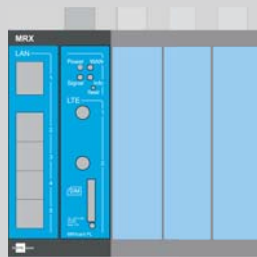
Further MRXcards are planned or can be developed individually on the basis of a project.

The two basic variants



MRX LAN

- Ethernet module with five LAN ports that can be separated in up to five IP networks
- Power module with 2 digital inputs



MRX LTE

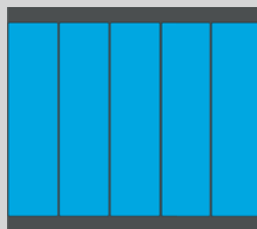
- Ethernet module with five LAN ports that can be separated in up to five IP networks
- LTE module with integrated power supply and 2 digital inputs

The two housing widths



MRX3

- Three slots, two of which are defined by the basic variant (currently LAN or LTE).
- Any further module (MRXcard) can be inserted in the third slot.



MRX5

- Five slots, two of which are defined by the basic variant (currently LAN or LTE).
- Any further modules (MRXcards) can be inserted in the remaining three slots.

For all who need **100% flexibility**
for their application.

The extension modules (MRXcards)

Version: Nov. 2014, all current MRXcards under:
www.insys-icom.com/MRX



MRXcard **SI**

This module includes:

- USB 2.0
- RS232, RS485
- 2 digital inputs
- 2 switching outputs



MRXcard **PL**

This module includes:

- LTE
- UMTS/HSPA
- GPRS/EDGE



MRXcard **ES**

This module includes:

- 4-port switch (10/100 MBit)

The features

- Full flexibility
- High power
- Ease of operation
- Utmost security
- Industrial quality
- Made in Germany

Example configurations



MRX3 LAN with MRXcard SI



MRX5 LAN with MRXcards SI, ES and PL

Germany

INSYS MICROELECTRONICS
GmbH

Hermann-Köhl-Str. 22
D-93049 Regensburg

Phone +49 941 58692-0
Fax +49 941 58692-45
info@insys-icom.de
www.insys-icom.de



Czech Republic:

INSYS MICROELECTRONICS
CZ, s.r.o.

Letkov 177
326 00 Pízeň-Letkov
Czech Republic

Phone/Fax +420 377 429952
Mobile +420 777 651188
info@insys-icom.cz
www.insys-icom.cz

United Kingdom:

INSYS MICROELECTRONICS
UK Ltd.

The Venture Centre
Univ. of Warwick Science Park
Sir William Lyons Road
Coventry, CV4 7EZ, United Kingdom

Phone. +44 2476 323237
Fax +44 2276 323236
info@insys-icom.co.uk
www.insys-icom.co.uk

INSYS icom is one of the leading technology partners for industrial data communication. What has started in the year 1992 with simple modems leads to a comprehensive product portfolios for professional routers, modems, gateways and bridges today. An own VPN network service as well as charging control and communication solutions for electric mobility have also been added.

Our engineers emphasise a high ease of use besides security and reliability. An easy and consistent user interface and various configuration options characterise the industrial routers. Moreover, an in-hose expert technical support hotline is available.

Thanks to many years of development expertise, we are an estimated partner for individual solution requirements or modification demands in questions of hardware, application and technology.

Authorised INSYS icom distributor:

