











Product Overview

VPN routers, IoT gateways, software & services, accessories

VPN routers & IoT gateways

VPN routers & IoT gateways

Features	MRX5 series 	MRX3 series	MRX2/MRO series
			
Design	Extension slots (freely selectable)	● (3)	● (1)
	Width on the DIN rail (Horizontal Pitch)	8 HP	5 HP
	Dimensions in mm (W x H x D)	136 x 117 x 88	82 x 117 x 88
	Available as integration module		
Connection type	LAN	●	●
	4G	◐	◐ ²
	LTE 450 MHz	◐	◐
	3G	◐	◐
	2G	◐	◐
	VDSL/ADSL	◐	◐
	Fiber	◐	◐
	Wi-Fi		
Interfaces	Ethernet 10/100 MBit/s	max. 17	max. 9
	Fiber (SFP)	max. 4	max. 4
	RS232	max. 3	max. 1
	RS485	max. 3	max. 1
	Digital I/Os	max. 14/12	max. 6/4
	Analogue I/Os	max. 9/3	max. 3/1
Cellular frequency ranges	Worldwide	◐	◐
	Europe, Middle East, Africa and partly others	◐	◐
	North America	◐	◐
	Australia	◐	◐
Software & services ¹	icom Router Management	●	●
	icom Connectivity Suite – VPN	●	●
	icom Connectivity Suite – M2M SIM	◐	◐
	icom Data Suite	●	●


ECR series	SCR series	MIRO series 
		
2.5 HP	2.5 HP	1.5 HP
42 x 95 x 105	42 x 95 x 105	26 x 77 x 99
		◐
●	●	●
◐	◐	●
◐		●
◐	◐	◐
●		
2	2	max. 2
1	1	
1		
2/2	◐ 2/2	1
		◐
◐	◐	◐
		◐
◐		◐
●	●	●
●	●	●
◐	◐	●
●	●	

 **MRX5 series**


- Highest functional flexibility
- Ready for 5G and future technologies

 **MIRO series**

- Outstanding value for money
- Industrial quality with extended temperature range

 **MRcard Fiber**









- Very secure, fast and extremely reliable connection
- Fiber optic cables impervious to lightning strikes

 **MRcard PL450 (LTE 450 MHz)**

- Best possible mobile coverage with highest IT security - ideal for critical infrastructure (CRITIS)
- LTE 450 MHz and standard LTE including dual SIM

● Standard ◐ Depending on the variant  Highlight ¹ Not included in delivery ² BSI certified





















Extension cards for MRX series



MRcards		Connection type							Interfaces							
Product	Illustration	LAN	4G	4G 450MHz	3G	2G	VDSL/ADSL	Fiber	Wi-Fi	Ethernet	Fiber (SFP)	RS232	RS485	DI/DO	AI/AO	4G MIMO
MRcard ES Switch plug-in card		●								4						
MRcard PL 4G plug-in card			●		●	●								2/0		●
MRcard PD VDSL2/ADSL plug-in card							●							2/0		
MRcard SI Serial plug-in card												1	1	2/2		
MRcard PLS MRcard PLS-US Mobile radio/serial plug-in card			●		●	●						1		2/1		●
★ MRcard Fiber Fiber plug-in card								●			2			2/0		
MRcard IO Multi-IO plug-in card														4/4	3/1	
★ MRcard PL450 LTE 450 MHz plug-in card			●	●	●	●								2/0		

● Standard

★ Highlight

Accessories

Antennas and extension cables		Features						Devices					
Product	Illustration	5G	4G	4G 450	3G	2G	MIMO	Wi-Fi	MRX	MRO	ECR	SCR	MIRO
Magnetic Antenna 4G/3G/2G SMA			●		●	●			●	●	●	●	●
Outdoor Wall Antenna 4G/3G/2G SMA			●		●	●			●	●	●	●	●
Allround Antenna 5G/4G/3G/2G SMA	 	●	●		●	●			●	●	●	●	●
Magnetic/screw/adhesive antenna 4G/3G/2G SMA			●		●	●			●	●			
Roof Mount Antenna 4G/3G/2G SMA			●		●	●			●	●	●	●	●
Magnetic Antenna MIMO 5G/4G/3G/2G SMA	 	●	●		●	●	●		●	●			
Outdoor Panel Antenna MIMO 5G/4G/3G/2G SMA	 	●	●		●	●	●		●	●			
Panel Antenna 4G/3G/2G MIMO SMA (EoL)			●		●	●	●		●	●			
LTE450 Wall Antenna IP67 5m SMA	 			●					●				
LTE450 Wall Antenna 5G/4G/3G/2G IP67 IK10 5m SMA		●	●	●	●	●			●				
LTE450 Screw Mount Antenna 5G/4G/3G/2G IP67 IK10 5m SMA	 	●	●	●	●	●			●				
Antenna Extension Cable SMA		●	●	●	●	●	●		●	●	●	●	●
Magnetic Antenna Wi-Fi 2.4 GHz rev. SMA								●			●		
Outdoor Wall Antenna Wi-Fi 2.4 GHz rev. SMA								●			●		
Antenna with hinge Wi-Fi 2.4 GHz rev. SMA								●			●		

Power supply units		DIN rail	Plug
Product	Illustration		
Power supply unit 24V 15W (Input 85-264 VAC / 120-370 VDC)		●	
Plug-in power supply unit 24V 25W international (EU, UK, AUS, USA)			●

Germany

INSYS MICROELECTRONICS GmbH

Hermann-Köhl-Str. 22
D-93049 Regensburg
Deutschland

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

Czech Republic

INSYS MICROELECTRONICS CZ, s.r.o.

Staroplzenecká 177
CZ-326 00 Letkov
Czech Republic

Phone +420 777 651 188
info@insys-icom.cz
www.insys-icom.cz



Applies in compliance with the Secure Configuration Guide and the certification report described.

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