

IRT-45

4G Industrial Router with Wi-Fi, 2 Ethernet Ports and RS-485 Serial Port,

Code: DA0101.

Description

The **IRT-4x** is an industrial 4G router with 4G technology CAT4 that guarantees stable and high-availability communication, facilitating the integration of field devices into remote networks and Cloud platforms.

The **IRT-4x** router can act as a transparent gateway between the mobile TCP/IP interface and the serial port, enabling remote reading of billing meters and other equipment with serial communication.

Application

The industrial router **IRT-4x** is specially designed to provide remote connectivity to network analyzers, meters, and other devices, facilitating the integration of distributed installations into energy monitoring and management systems.

The option to supply the devices with a preconfigured VPN SIM ensures secure and stable communications, reducing commissioning times and avoiding complex network configurations.

Additionally, the integrated web server simplifies configuration and maintenance tasks through an intuitive interface, enabling supervision of connection status, management of network parameters, and remote access to connected devices.

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Industrial 4G Router with Wi-Fi, 2 Ethernet ports and 1 serial port

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Specifications

DC power supply

Consumption	1,8W
Current	150 mA
Nominal voltage	9-36 VDC
Maximum power	9W

Mechanical characteristics

Size (mm) width x height x depth	82.4 x 28.3 x 98.75 (mm)
Envelope	Aluminium alloy
Fastening	DIN Rail
Weight (kg)	1

Environmental characteristics

Protection class	IP30
Working temperature	-20 ... +85 °C

Communication Network

Technology / Interface	RJ45

Radio communication

Technology / Type	4G/LTE (Cat 4), 3G, 2G

Wireless communication

Band	2,4 GHz
Technology / Type	Wi-Fi: IEEE 802.11b/g/n, 2T2R, AP

IRT
Router

CODE	TYPE	Description
DA0100.	IRT-42	4G Industrial Router with Wi-Fi, 2 Ethernet Ports and RS-232 Serial Port
DA0101.	IRT-45	4G Industrial Router with Wi-Fi, 2 Ethernet Ports and RS-485 Serial Port

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Dimensions

Connections

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