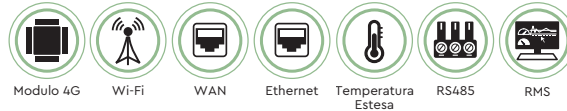




ORDER CODE	COMM. CODE
RHW60	F3X36Q-485



## 4G routers for Industrial and Wi-Fi applications

- High-speed 4G CAT 4 module (up to 150Mbps)
- 2.4 GHz Wi-Fi
- 1 WAN port and 4 × 10/100 LAN ports
- VPN support
- ModBUS RTU support
- MQTT support
- Web-based configuration
- Remote management via the Intellienergy Remote Management System

APPLICATIONS
Industrial/Professional
Remote monitoring
Monitoring

CERTIFICATIONS
CE Marking
RED
RoHS

PACKAGE CONTENTS
<b>RHW60 - F3X36Q-485</b>
Power supply unit
Ethernet Cable
Serial Cable
4G antenna with cable
Wi-Fi antenna

The **RHW60-F3X36Q-485** is a compactly designed router with an built-in 4G/LTE module, specially designed for applications in the industrial and energy markets to connect switchboards, control panels and PLCs. All features and components have been optimised for wide use, from the extended temperature range to the power supply and power management, to provide a positive response to different installation requirements. It has the same technical characteristics as the RHW44-F3X26Q-RP-485 model but natively features 1 WAN port and 4 × 10/100 Mbps LAN ports. The 4G/3G/2G antennas are removable on SMA connectors to allow the use of different antennas with higher gain or outdoor antennas. The Wi-Fi antenna is also on an SMA connector in order to improve coverage in applications where the installation is inside metal cabinets. The metal case, the frontal connectors and the drawer SIM holder have been carefully designed for maximum flexibility and functionality. RHW60-F3X36Q-485 is an industrial router that, in addition to traditional functions, supports the most popular VPN security protocols. The RS485 serial port for connecting PLCs with ModBUS RTU and TCP protocol to servers completes the equipment. The possibility of sending data to MQTT servers is also available. The router can be fully managed via the Intellienergy Remote Management System (RMS) cloud platform, designed to conveniently monitor and manage Intellienergy Tech routers. RMS lets you securely collect information on the status of devices and change their configuration, even if the devices do not have public IP addresses.

## TECHNICAL CHARACTERISTICS

<b>MODULE FREQUENCY</b>	Standard: 4G/3G/2G LTE FDD: B1/B3/B5/B7/B8/B20/B28 LTE TDD: B38/B40 3G: B1/B5/B8 2G: B1/B8
<b>SPEED</b>	4G: 150 Mbps (DL), 50Mbps (UL)
<b>INTERFACES</b>	1 × 10/100BT WAN port 4 × 10/100BT LAN ports 2.4 GHz Wi-Fi Standard IEEE802.11 b/g/n Security: WEP, WPA, WPA2 Serial Port Number of ports: 1xRS485 EDS protection: ±15KV Baud Rate: 2400bps to 115200 Screw Connector 1 SIM (3V & 1.8V)
<b>ANTENNAS</b>	2 Omnidirectional Quad-band 4G/3G/2G Antennas Omnidirectional Wi-Fi antenna
<b>POWER SUPPLY</b>	Input: +5 VDC to 36 VDC / 1.5A min
<b>TEMPERATURE</b>	from -35°C to +75°C
<b>OTHER</b>	Dimensions: 127 × 89.5 × 30 mm (not including antennas and supports) Weight: 345 g

