

*i*Connect

Remote M2M Gateway

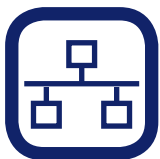


*i*Connect to **your machine**

iConnect

Remote M2M Gateway Solution

- Program & configure your devices remotely
- Manage all your devices via the IMOGateway
- Monitor your devices for predictive maintenance
- Data logging functionality
- Remote alarm monitoring via email & SMS
- Ethernet connectivity as standard
- Mobile connectivity option (inc. ruggedised SIM)



Ethernet
As Standard



iConnect Overview

iConnect is a Remote M2M Gateway device allowing remote access to the IMO range of automation products and inverter drives. It automatically connects to the IMOGateway, enabling you to program your device*, change parameters and set up alerts.

iConnect features include:

- 1 x Ethernet & 2 x USB Ports
- Industrial Internet of Things (IIoT) compatible
- Modbus RTU Read and Write connectivity
- Multi-user access available
- Multiple devices can be connected
- Buffer database feature
- Free 500MB of cloud storage
- Option to store data on personal designated servers
- FREE access to the IMOGateway management portal (can be custom branded)
- No software licensing fees

* This feature will be available as an "over-the-air" (OTA) update by Q4/2016

iConnect - IIoT Environment



The iConnect can be connected to internet via the integrated Ethernet port or an optional 3G modem offering mobile connectivity. iConnect automatically connects to the IMOGateway, where the device can be managed, run programs and access data from IMO devices such as the i3 integrated controller, iView HMI, XGB PLC, iSmart Intelligent relays, temperature controllers, Jaguar inverter drives and many others.

IMOGateway

The IMOGateway allows you to register new iConnect devices, configure FTP settings to transfer data files between the remote device and data servers, setup and manage system alerts. The user settings within the IMOGateway allows to save the data files to IMOGateway or customer preferred data servers.

The IMOGateway also enables you to configure VPN settings which facilitates uploading and downloading programs to IMO automation controllers.



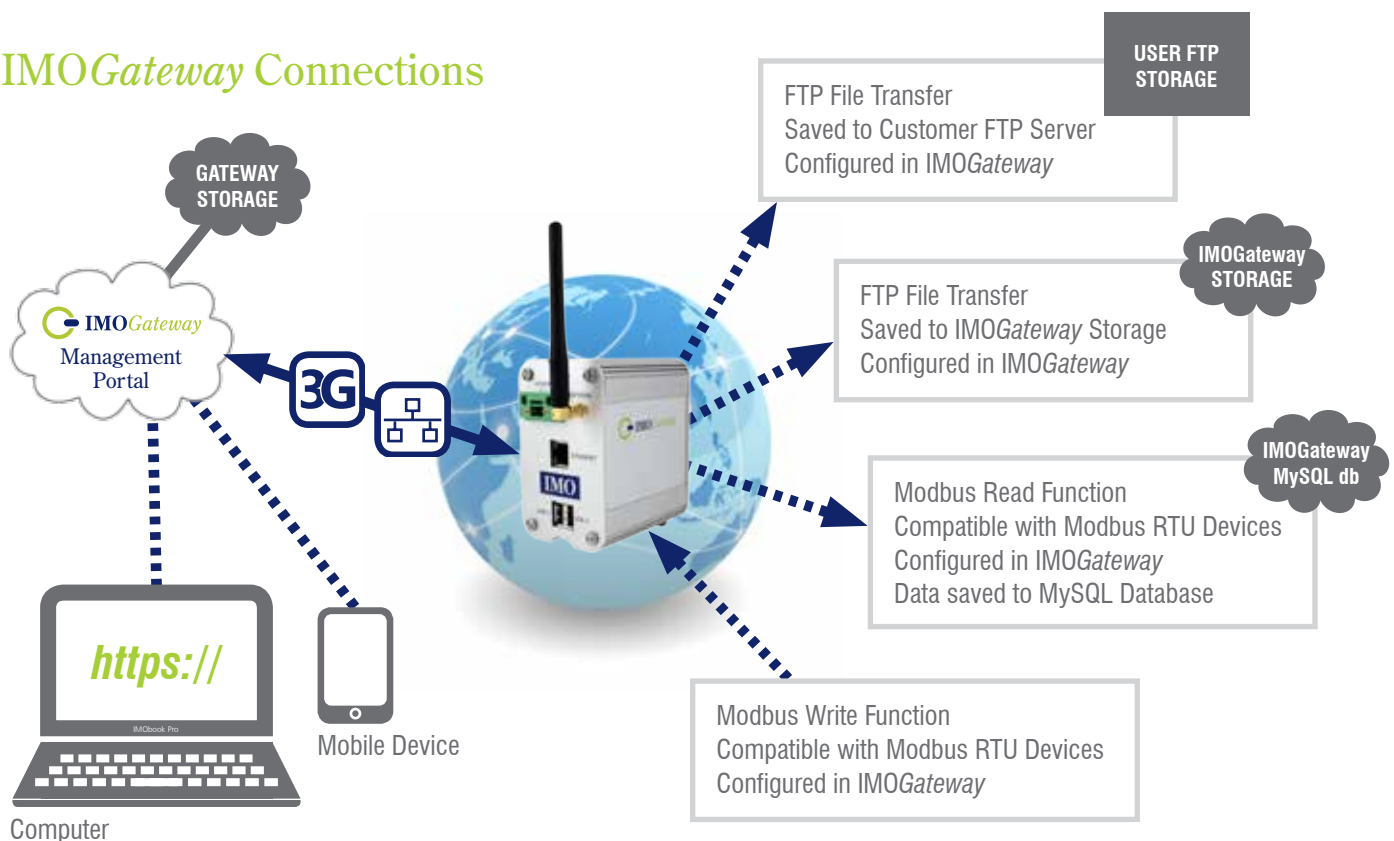
IMOGateway screenshot - company and contact information for illustrative purposes only



The iConnect can be used to configure Modbus RTU communication to IMO devices for reading process values and writing set points for process control and all these settings can be done via IMOGateway. The process values read from the Modbus slave units is saved in MySQL compliant database servers.

IMOGateway can be customized with brand logos and suitable internet addresses. Please contact IMO for more information.

IMOGateway Connections



IMOGateway Storage

The IMOGateway provides 500MB secure storage per iConnect for storing data files. The storage servers have 99.99% durability and availability with automatic encryption using Advanced Encryption Standard (AES) 256 bit for added security.

The IMOGateway data storage is designed to be robust, reliable and incredibly secure giving added peace of mind that the data is safe and redundantly backed up for immediate access.

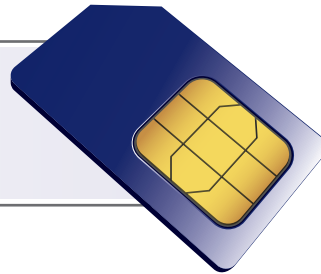


iConnect with Mobile Connectivity

The ICONNECT-3G-V3 is supplied with a 3G M2M SIM card as standard, offering 3G mobile connectivity. We provide the 3G M2M SIM card and 3G data plans as we understand that the reliability is key for access onto our secure system on a dedicated M2M network. The M2M connectivity offers the ability to communicate between the iConnect and IMOGateway or customer preferred data servers without the data passing across the internet or public mobile network.

As well as being secure we offer the following benefits.

- Non-steering network roaming
- Data roaming across extensive range of global networks
- Data caps, bringing a fixed monthly fee
- Network level SIM management via the IMOGateway



iConnect Dimensions



Technical Specification

Input Voltage	5VDC
Input Current	1.2A
Operating Temperature	0°C to 50°C
Operating Humidity	20% - 85% Non-condensing
Weight	440g (491g 3G version)

NOTE: All dimensions in mm

Ordering Information

Part Number	Description
ICONNECT-E-V3	iConnect for Ethernet device including IMOGateway access and 500MB of Gateway Storage
ICONNECT-3G-V3	iConnect for Ethernet device with on-board 3G modem, antenna, ruggedised SIM, IMOGateway access & 500MB of Gateway Storage
ICONNECT-ANTENNA	Optional antenna with male SMA connector for low signal environments or remote siting
GATEWAY-SMS-100	SMS bundle (pack of 100)
MPS-1-007-5DC	Power Supply 90-264V AC Input 5V DC Output 7.5 Watts 1.5A, DIN Rail mountable
IC-USB-RS-LPC	USB to RS485 Converter Cable for Modbus RTU communication

NOTE: Mobile data packs can be added. Go to www.imo-gateway.com

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IMO Automazione

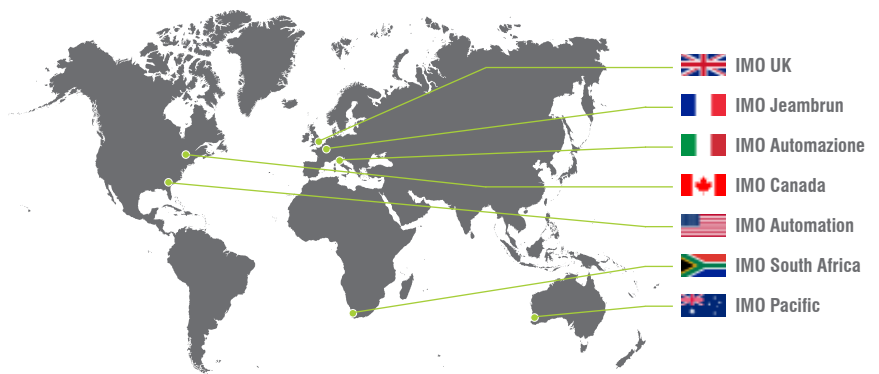
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