Intesis®
BY HMS NETWORKS

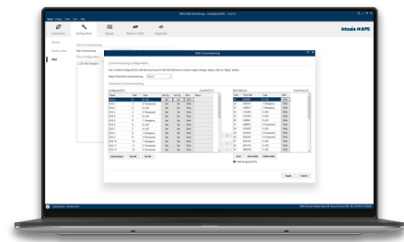Home → Products → AC interfaces → Intesis MAPS for AC Interfaces → Mitsubishi Electric City Multi systems to Modbus TCP/RTU Application

The most advanced configuration tool for HVAC integration

Intesis MAPS increases integrators productivity and helps to deliver high-quality results providing easy and reliable HVAC-configuration, testing and troubleshooting.

→ Download now

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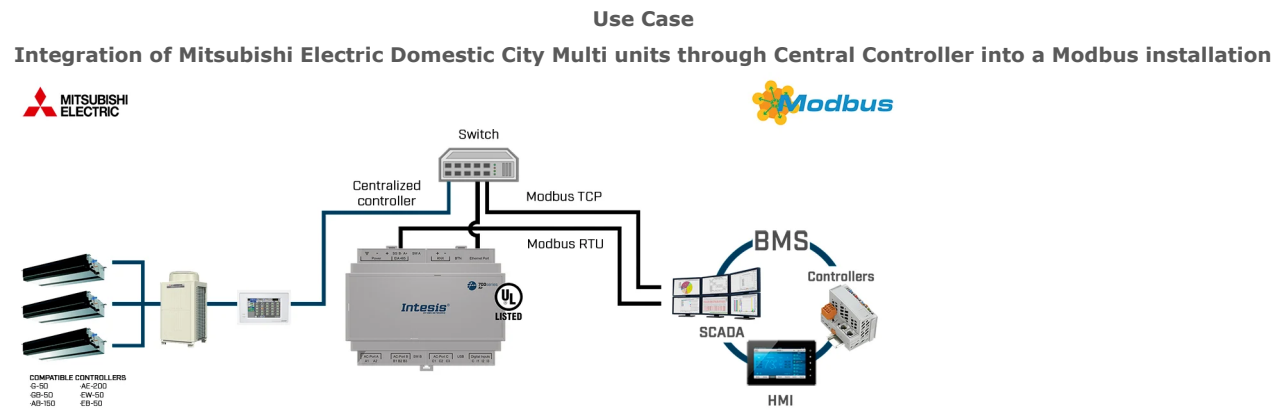## Mitsubishi Electric City Multi systems to Modbus TCP/RTU Application

The Mitsubishi Electric Application has been specially designed to allow bidirectional control and monitoring of Mitsubishi Electric City Multi systems from a BMS, SCADA, PLC or any other device working as a Modbus Master.
The solution allows the integration of up to 100 groups from a single Interface.

FEATURES

UL Listed.

The interface is able to manage Modbus TCP and Modbus RTU simultaneously.

Scan: Automatic identification of the units presents on the VRF system.

Energy consumption signals from each indoor unit are available.

Outdoor unit's signals available for the integration.

Integration with any IP Home Automation System thanks to our open ASCII protocol.

Compatible with the drivers available at Intesis webpage.

Direct ethernet connection to the home's local IP network.

Up to 6 TCP clients (incoming sockets) are supported.

Configuration through IP or USB (Console) port.

Easy integration with Intesis MAPS.

Automatic updates for both Intesis MAPS and interface's firmware.

Use Case

Integration of Mitsubishi Electric Domestic City Multi units through Central Controller into a Modbus installation

DIRECT CONNECTION TO INDOOR UNITS

The gateway is directly connected to the Central Controller via Ethernet and enables the control of all the indoor units connected to the system. This allows not only the control and monitoring of the main AC functions but the access to some internal variables of the outdoor units.

SET UP BY INTESIS MAPS

The configuration is carried out using the Intesis MAPS software. This one allows you to define your own settings for the device and offers extra functions available for all the new generation gateways. Thanks to the scan function, which allows to automatically discover all the units available in the installation, get the interface ready to work in a really short time.

Intesis MAPS makes it easy to identify any malfunction in the installations thanks to its robust diagnostic feature.

Technical Documentation

User Manual	General information about this product	Download
Installation Manual	Learn how to install the device in your project	Download
Application Wiring Diagram	Review your specific application wiring diagram	Download
HVAC Compatibility tool	Find the appropriate solution for your HVAC integration	Open
EC Declaration of Conformity	Check the product certification	Download
UKCA Certification	Check the product UKCA Certification	Download

Programming Tools

Intesis MAPS	Get access to download the configuration software tool	Download
Intesis MAPS User Manual	General information about Intesis MAPS	Download
eLearning course	Learn the secrets of Intesis MAPS	Enroll now

Commercial Documentation

| Marketing Datasheet | Discover all the integration solutions for Mitsubishi Electric | Download |
| Intesis Brochure | Know more about the Intesis current available products | Download |

File	Version	Size	Read online

ORDER CODES:

| IN770AIR00SO000 | Intesis multi-brand AC interface with KNX, Serial and IP support - Up to 50 groups |
| **IN770AIR00MO000** | Intesis multi-brand AC interface with KNX, Serial and IP support - Up to 100 groups |

The order code can differ depending on the product seller and the buyer's location.

→ For the older version, please click here to find the documentation

INCLUDED COMPONENTS:
Intesis Gateway.
Installation Manual.
USB Configuration cable.
(Power supply not included).

Warranty: 36 months.

Contact us

Fill out the form to download Intesis MAPS and get the most of your building automation

First Name *

First

Last Name *

Last/surname

Company Name *

Please enter your company name

Email *

Enter a valid Email address

Country*

Type your Country then select

Region/State

Type then select - add if appropriate

Business Phone

Enter your business phone number

Zip/Post Code

For faster processing

HMS PRIVACY INFORMATION

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I give my consent for HMS to process my personal data for the purpose above

☐ I hereby give consent for HMS to process my data*

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