

Samsung NASA VRF systems to Modbus TCP/RTU Interface

The Samsung interface has been specially designed to allow bidirectional control and monitoring of Samsung NASA VRF systems from a BMS, SCADA, PLC or any other device working as a Modbus master.

FEATURES

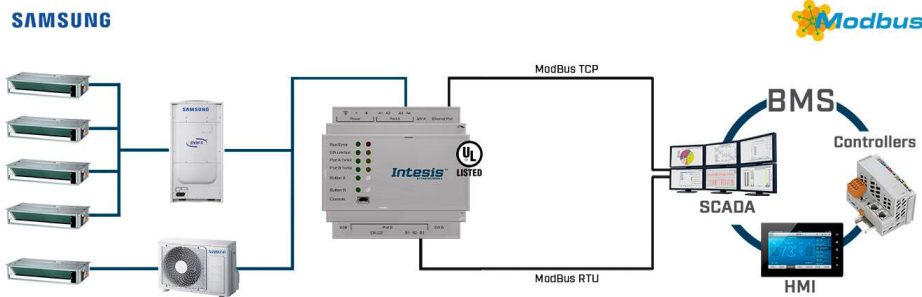
- UL Certified.
- Direct access to outdoor unit's communication bus.
- Scan: Automatic identification of the units presents in the VRF system.
- The interface is a Modbus slave able to manage Modbus TCP and Modbus RTU simultaneously.
- Up to 6 Modbus TCP clients (incoming sockets) are supported.
- Datalogging through external USB port.
- Configuration through IP or USB (Console) port.
- Front cover LED indicators to provide easy to check communication status on both the Ethernet and serial ports.
- Automatic updates for both Intesis MAPS and interface's firmware.

SAMSUNG

Modbus



Use Case Integration of Samsung VRV Air Conditioner Units into a Modbus installation.



Description

DIRECT CONNECTION TO VRF OUTDOOR UNITS

The gateway is directly connected to the outdoor units communication bus 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
HVAC Compatibility tool	Find the appropriate solution for your HVAC integration	Open
HVAC Compatibility	Check your HVAC compatibility	Download
EC Declaration of Conformity	Check the product certification	Download
KC Certification	Check the product KC Certification	Download

Programming Tools

Intesis MAPS	Configuration software tool	Download
User Manual for Modbus	General information about Intesis MAPS for Modbus projects	Download

Case Study

Case Study	Learn how Intesis gateways make integration easy	Open
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Commercial Documentation

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

ORDER CODES:

INMBSSAM0040000	Samsung NASA VRF systems to Modbus TCP/RTU Interface - 4 units
INMBSSAM0080000	Samsung NASA VRF systems to Modbus TCP/RTU Interface - 8 units
INMBSSAM0160000	Samsung NASA VRF systems to Modbus TCP/RTU Interface - 16 units
INMBSSAM0640000	Samsung NASA VRF systems to Modbus TCP/RTU Interface - 64 units

INCLUDED COMPONENTS:

- Intesis Gateway.
- Installation Manual.
- USB Configuration cable.
- (Power supply not included).

Warranty: 36 months.

