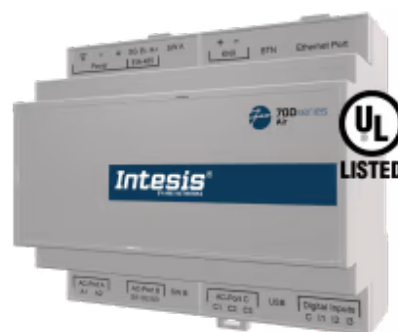


Samsung NASA VRF systems to Home Automation Application

Item number: IN770AIR00SO000

The Samsung application has been specially designed to allow bidirectional control and monitoring of Samsung NASA VRF systems from a Home Automation system. The solution allows the integration of up to 16 indoor units from a single interface.



Samsung to Home Automation - Up to 16 Indoor Units

Features and benefits

- ✓ **IP Home Automation integration**
Thanks to our open ASCII protocol integration of any IP Home Automation System is easily achievable.
- ✓ **Direct Ethernet connection**
The interface is directly connected via Ethernet to the home's local IP network,
- ✓ **Outdoor unit signals**
Signals assigned to the outdoor unit are available to be used in the integration.
- ✓ **Driver compatibility**
A wide range of compatible drivers is available on the Intesis webpage.
- ✓ **Direct access to the outdoor unit**
Connection is simple, as the interface connects directly to the outdoor unit's communication bus.
- ✓ **Automatic identification**
A scan function is available for automatic identification of the units present in the VRF system.
- ✓ **Multiple TCP client support**
The interface supports up to 6 TCP clients (incoming sockets).
- ✓ **Commissioning-friendly approach with Intesis MAPS**
Templates can be imported and reused as often as needed, significantly reducing commissioning time.

Samsung NASA VRF systems to Home Automation Application



| General | |
|------------------------------|--|
| Net Width (mm) | 106 |
| Net Height (mm) | 58 |
| Net Depth (mm) | 90 |
| Net Weight (g) | 240 |
| Packed Width (mm) | 130 |
| Packed Height (mm) | 85 |
| Packed Depth (mm) | 140 |
| Packed Weight (g) | 550 |
| Operating Temperature °C Min | -10 |
| Operating Temperature °C Max | 60 |
| Storage Temperature °C Min | -30 |
| Storage Temperature °C Max | 60 |
| Power Consumption (W) | 127 |
| Input Voltage (V) | For DC: 12 .. 36 VDC \pm 10%, Max: 250 mA For AC: 24 VAC \pm 10 %, 50-60 Hz, Max: 127 mA Recommended voltage: 24 VDC, Max: 127 mA |
| Power Connector | 3-pole |
| Configuration | Intesis MAPS |
| Capacity | Up to 16 indoor units and up to 16 outdoor units. |
| Installation Conditions | This gateway is designed to be mounted inside an enclosure. If the unit is mounted outside an enclosure, precautions should always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making adjustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit. |
| Content of Delivery | Intesis Gateway and Installation Manual. |

Samsung NASA VRF systems to Home Automation Application



General

| | |
|----------------------------|---|
| Not Included (in delivery) | Power supply not included. |
| Mounting | DIN rail mount (bracket included), Wall mount |
| Housing Materials | Plastic |
| Warranty (years) | 3 years |
| Packaging Material | Cardboard |

Identification and Status

| | |
|---|-------------------------|
| Product ID | IN770AIR00SO000_WMP_SAM |
| Country of Origin | Spain |
| HS Code | 8517620000 |
| Dual Usage | No |
| Export Control Classification Number (ECCN) | EAR99 |

Physical Features

| | |
|-----------------------------|--|
| Connectors / Input / Output | Power supply, EIA-485, KNX, Ethernet, HVAC port, Binary inputs (dry contact), Console port USB. |
| LED Indicators | Gateway and communication status. |
| Push Buttons | Factory reset. I-Am message (for BACnet only). Normal mode/programming mode switch (for KNX only). |
| DIP & Rotary Switches | EIA-485 serial port configuration. |
| Contains Battery | No |
| Battery Description | Manganese Dioxide Lithium button battery. |

Certifications and Standards

| | |
|---------------------|----------|
| ETIM Classification | EC001604 |
| CE | Yes |
| CB | Yes |

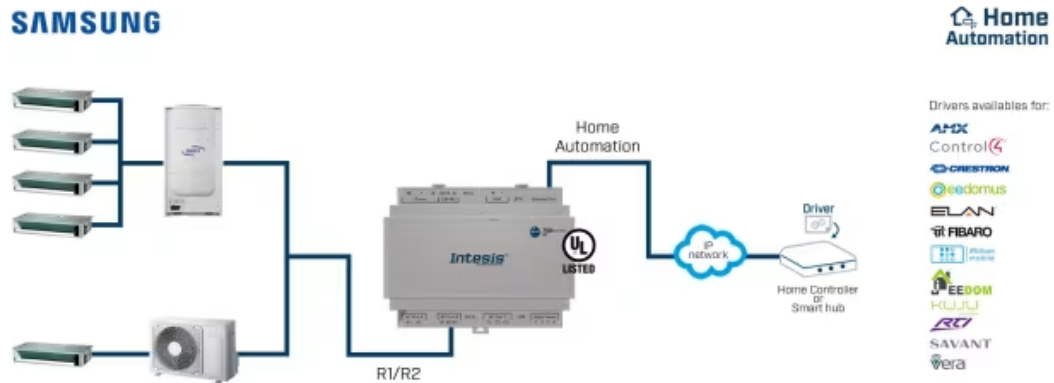
Samsung NASA VRF systems to Home Automation Application



| Certifications and Standards | |
|------------------------------|-------------------------------------|
| UKCA | Yes |
| UKPSTI | Yes |
| UL | Yes |
| WEEE Category | IT and telecommunications equipment |



Use Case



Integration example.



Use Intesis MAPS to change the protocol: BACnet, Modbus, KNX, or Home Automation