

Samsung NASA VRF systems to KNX Application



General	
Capacity	XXS: Up to 4 indoor units
Net Width (mm)	106
Net Height (mm)	90
Net Depth (mm)	58
Net Weight (g)	194
Packed Width (mm)	125
Packed Height (mm)	85
Packed Depth (mm)	140
Packed Weight (g)	356
Operating Temperature °C Min	0°
Operating Temperature °C Max	60°
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Power Consumption (W)	3
Input Voltage (V)	For DC: 12 .. 36 VDC ±10%, Max: 250 mA For AC: 24 VAC ±10 %, 50-60 Hz, Max: 127 mA Recommended voltage: 24 VDC, Max: 127 mA
Power Connector	3-pole
Configuration	Intesis MAPS
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.

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

Identification and Status

Product ID	IN770AIRXXSO000_KNX_SAM
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No

Physical Features

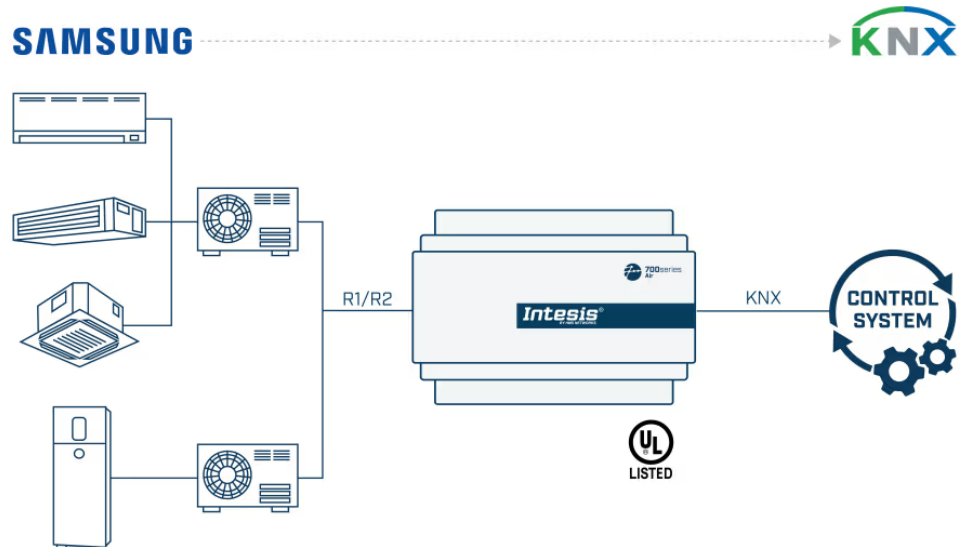
Connectors / Input / Output	Power supply, EIA-485, KNX, Ethernet, HVAC port, Binary inputs (dry contact), Console port USB.
LED Indicators	Gateway and communication status.
Push Buttons	Factory reset. I-Am message (for BACnet only). Normal mode/programming mode switch (for KNX only).
DIP & Rotary Switches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

Certifications and Standards

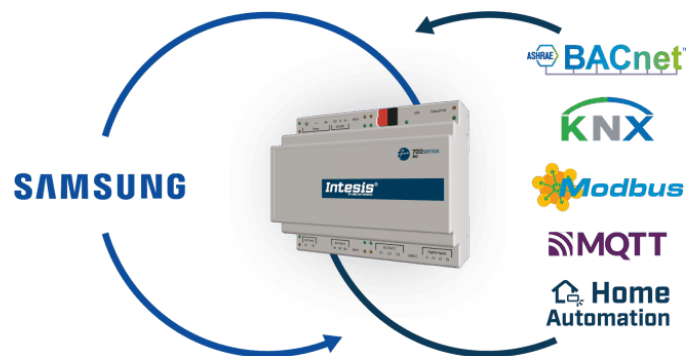
Product Certifications	CE, CB, UKPSTI, UL
WEEE Category	IT and telecommunications equipment



Use Case



Integration example.



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