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HMS Network INKNXPAN001A000 KNX TP To Modbus TCP and RTU Server Application



Product Usage Instructions

Installation Conditions

The interface should be installed according to the provided instructions. Ensure proper electrical connections and mounting as per DIN rail mount or wall mount.

Content of Delivery

The package includes the Panasonic-KNX interface, necessary brackets for DIN rail mounting, and warranty information.

Identification and Status

Product ID: INKNXPAN001A000

Miscellaneous

Warranty: 3 years

Packaging Material: Cardboard

The Panasonic-KNX interface allows full bidirectional communication between Panasonic Air to Water (Aquarea H/J) units and KNX installations.

Features and benefits

ETS configuration

The interface is configured using the ETS standard configuration tool software.

Compatible with all KNX thermostats in the market

All the required DPT objects to be compatible with all KNX thermostats in the market are available.

A status object available for each control object

Each control object has a corresponding status object available.

Anti -legionella activation/deactivation function

An An -legionella function is available and can be easily activated or deactivated.

Direct A.W. system connection

The interface connects directly to the A.W. system, simplifying the installation process.

Multiple control/status objects, standard KNX DPT

Multiple control and status objects (bit, byte, characters) exist with standard KNX datapoints.

AC unit control by both remote controller and KNX

The AC unit can be simultaneously controlled by the manufacturer's remote controller and KNX.

No external power required

The interface is powered directly from the AW unit, so no external power supply is required.

Specifications

General	
Net Width (mm)	59
Net Height (mm)	45
Net Depth (mm)	28
Net Weight (g)	70
Packed Width (mm)	120
Packed Height (mm)	65
Packed Depth (mm)	95
Packed Weight (g)	120
Operating Temperatur e °C Min	0
Operating Temperatur e °C Max	60

Storage Temperature °	-40		
Storage Temperature ° C Max	85		
Power Consumption (W)	0.174		
Input Voltage (V)	From the AC unit.		
Power Connector	Other		
Configuration	ETS		
Capacity	1 Air-to-Water unit.		
Installation Conditions	This gateway is designed to be mounted inside an enclosur e. If the unit is mounted outside an enclosure, precautions s hould always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making a djustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit.		
Content of Delivery	Intesis Gateway, Installation Manual, AW communication of ble.		

General		
Mounting	DIN rail mount (bracket included), Wall mount	
Housing Materials	Plastic	
Warranty (years)	3 years	
Packaging Material	Cardboard	

Identification and Status			
Product ID	INKNXPAN001A000		
Country of Origin	Spain		
HS Code	8517620000		
Export Control Classi fication Number (ECC N)	EAR99		
Physical Features			
Connectors / Input / O utput	KNX port		
LED Indicators	1 x Operational status		
DIP & Rotary Switches	N/A		
Certifications and Standards			
ETIM Classification	EC001604		
WEEE Category	IT and telecommunications equipment		

Use Case



Integra on example.

FAQ

What is the purpose of the Panasonic-KNX interface?

The interface allows bidirectional communication between Panasonic Air to Water units and KNX installations.

How is the interface configured?

The interface is configured using the ETS standard configuration tool software.

Is the interface compatible with all KNX thermostats?

Yes, the interface is compatible with all KNX thermostats in the market.

Is there a warranty for the product?

Yes, the product comes with a 3-year warranty.

Documents / Resources



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INKNXPAN001A000, INKNXPAN001A000 KNX TP To Modbus TCP and RTU Server Application, INKNXPAN001A000, KNX TP To Modbus TCP a nd RTU Server Application, Modbus TCP and RTU Server Application, R TU Server Application, Server Application, Application

References

• User Manual

HMS Network

Application, HMS Network, INKNXPAN001A000, INKNXPAN001A000 KNX TP To Modbus TCP and RTU Server Application
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