QUICK INSTALLATION GUIDE

INSPINIA **MINI SERVER**

Version INS-xxx-202410

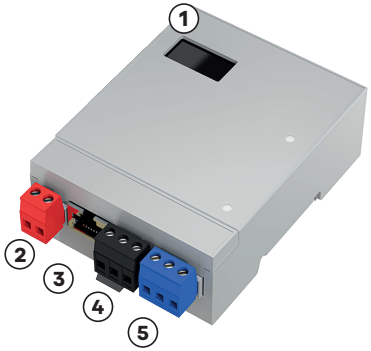
www.**inspinia**.eu



MNSRV

INSPINIA

PRODUCT OVERVIEW



1 Display
- Connection Info.
- Network Info.
- Device ID

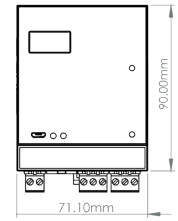
2 Power
- 24VDC
- 2.5W

3 LAN
- Ethernet
- PPoE

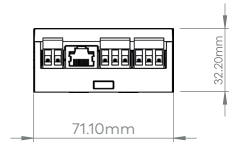
4 Port 1

5 Port 2

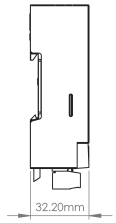
DIMENSIONS



FRONT



BOTTOM



SIDE

MOBILE APP

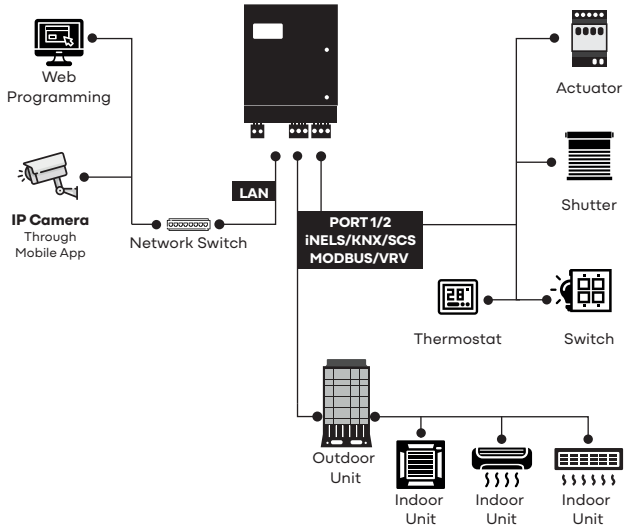


- Download INSPINIA mobile app from App Store or Google Play to your mobile device.
- Make sure that INSPINIA is connected to the network and has internet access.
- Unique device ID and QR code are clearly displayed on the device label for easy identification and access.
- Press add button and scan QR-code on your mobile app.
- Define a name and save your settings. You are ready!

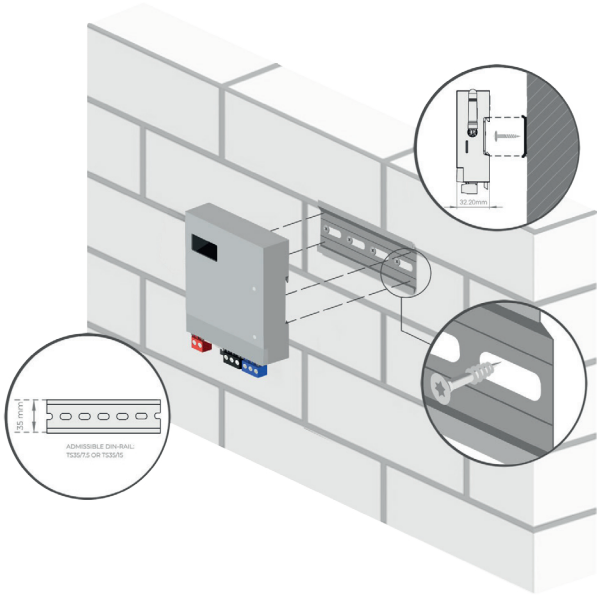
ANDROID APP ON Google play

Download on the App Store

FEATURES & FUNCTIONALITY



FLUSH-MOUNTING



CONNECTIONS

1. **Power Supply:** 24V (DC) | **Max Power:** 2.5W
2. **Ethernet:** **RJ45** | 10 - 100Mbps (PPOE)
3. **Port 1/2:** VRV/VRF, iNELS, KNX, Modbus, SCS

Terminals	iNELS	KNX	Modbus	Ricino SCS
3 Port 1/2	A B C	A B C	A B C	A B C
	+ − ◯	+ − ◯	A B G	+ − ◯
Communication	Inels Bus	KNX TP	RS485	SCS Bus

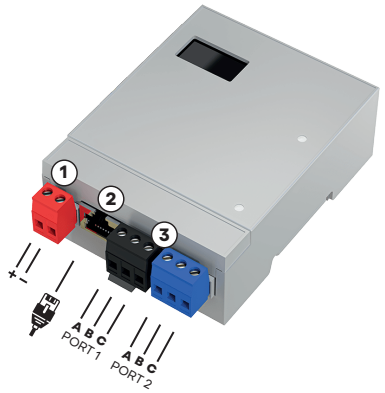
Outdoor Unit Connections

Each brand of HVAC have different communication terminals on outdoor unit. Please check below table for terminals connections.

Terminals	DAIKIN	HITACHI	arçelik / LG	MITSUBISHI ELECTRIC	MITSUBISHI HEAVY INDUSTRIES	SANYO Panasonic	SAMSUNG	TOSHIBA
3 Port 1/2	A B C	A B C	A B C	A B C	A B C	A B C	A B C	A B C
	F1 F2 ◯	1 2 ◯	A B ◯	M1 M2 ◯	A B ◯	U1 U2 ◯	R1 R2 ◯	U1 U2 ◯
Comm. Line	D3 NET	TCC LINK	INTER A B CEN A B	M NET (TB3/7)	SLINK I/II	S3 NET	NASA	TCC LINK
Indoor Unit*	64	64	64	50	64	64	64	64
Outdoor Unit*	16	16	-	10	-	-	16	-

*The functionality of Indoor Units (IDU) and Outdoor Units (ODU) is subject to the limitations set by the manufacturer.
The VRV/VRF Add-Ons will consistently operate as the primary master central controller.

CONNECTIONS



OPERATION MODE

Add-on modules can be plugged to extension ports of INSPINIA Mini Server to provide a various combination of connectivity.



OPERATION	DEVICE / ADD ONS
Automation	MNSRV / iNELS/KNX/SCS etc.
Automation + VRV/VRF	MNSRV / iNELS/KNX/SCS + VRV

CONFIGURATION

- **All configurations of touch panel can be made through web interface and SkyPlatform.**

Default IP Address: **192.168.2.100**

- **For local configuration enter IP address to web browser.**

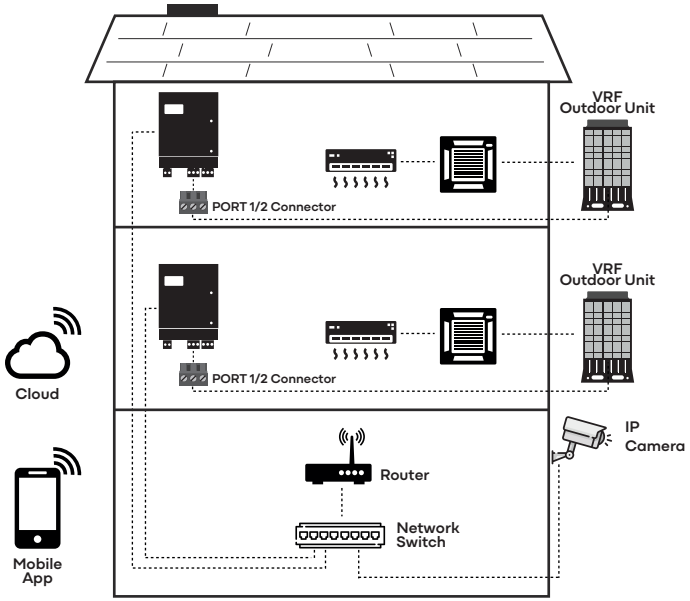
Example: 192.168.2.100
Username: **admin** Password: **aEuXW6gn**

- **For more detail please check www.inspinia.eu**

HVAC VRV/VRF SOLUTIONS

There are two options of monitoring and controlling VRV/VRF units on INSPINIA Mini Server

1.TOPOLOGY



1. TOPOLOGY

- VRV/VRF add-on module must be plugged to INSPINIA Mini Server Port 1 or 2
- Port 1 or 2 connector will be directly connected to VRV/VRF Outdoor Unit
- Control of Indoor units available on INSPINIA Mini Server Mobile App
- Provides full functionality of indoor unit on INSPINIA Mini Server Web Interface
- Indoor units can be controlled by KNX and SCS Thermostats
- Supports up to 64 indoor units*
- Full control on indoor unit functions

2. TOPOLOGY

- Mini Server is required and need to be installed
- Direct connection to Outdoor Unit with Port 1 / 2
- Provides full functionality of indoor units on INSPINIA Panel
- Indoor units can be controlled by KNX and SCS Thermostats
- Supports up to 64 indoor units*
- Full control on indoor unit functions
- Mini Server communicates touch panels through IP

*This limit is "50" for Mitsuhibishi Electric

2.TOPOLOGY

