

2024



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INSPIRIA FOR YOUR LIVING SPACE

Journey started from
idea to concept.

2012

2014

Astrum Türkiye
founded.

ASTRUM
TECHNOLOGY

legrand

First international
exhibition and OEM
customer, **Legrand Türkiye**

2016

2017

KNX and **CEDIA**
memberships

KNX | **CEDIA**

ABB

Astrum Hong Kong
founded & Agreement
with **ABB Türkiye**

2018

2019



Exported to **20 countries**
and more than
25K+ installed products

:hager

Released new **Inspinia**
product series & Agreement
with **Hager Türkiye**

2020

2021

Released **SkyPlatform**
a new concept for SH and BMS

SKY
PLATFORM

INSPIRIA

A groundbreaking collaboration by
Astrum and **ELKO EP/INELS**,
bringing you smart home
and building solutions like never before.

2024

2024

SKY
THINGS

SKY
PLATFORM

Introducing our newly rebranded
cloud platform "**SkyPlatform**" and
framework software "**SkyThings**"

inspinia.eu

BASICS OF INSPINIA



Czechia - Headquarter

**Hong Kong - Trading
Office**

Türkiye- R&D Office



**Expert team on Smarthome,
BMS and IoT**



**Lean methodology on
every aspect of our
company**

MEMBERSHIPS & CERTIFICATES



INTELLECTUAL PROPERTY RIGHTS



All hardware and software developments are %100 done by our expert team and all intellectual property rights belongs to us.



KAZAKHSTAN
UZBEKISTAN
UNITED KINGDOM
SINGAPORE
INDIA
FRANCE
GREECE
AZERBAIJAN
LITHUANIA
LEBANON
UAE

PAKISTAN
AFGHANISTAN
AUSTRALIA
JORDAN
ESTONIA
ISRAEL
CYPRUS
IRAQ
MOROCCO
ROMANIA
SAUDI ARABIA

EGYPT
GERMANY
TAIWAN
GANA
TUNISIA
CZECHIA
RUSSIA
IRAN
ITALY
QATAR

With a vast portfolio comprising over **100,000** products **across numerous** projects, we've successfully delivered excellence in both **domestic and international spheres**. Our track record boasts dozens of elite projects completed to the highest standards.

PARTNERS



:hager



SIEMENS

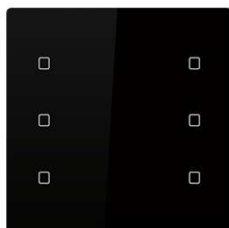
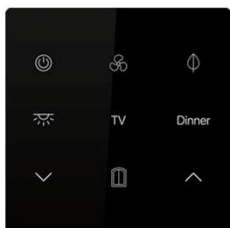


Joint venture Company of MITSUBISHI HEAVY
INDUSTRIES THERMAL SYSTEMS, LTD.



PRODUCTS & SOLUTIONS

PRODUCT RANGE



SMART TOUCH PANELS 4 / 8 / 10 INCH

KEYPADS

CONTROLLERS AND SERVERS PROTOCOL GATEWAYS

PRODUCT RANGE

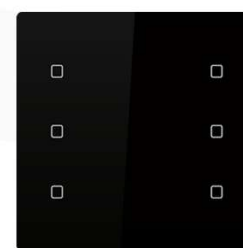
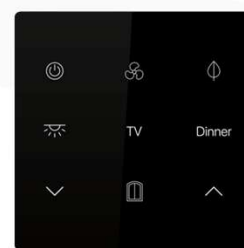


INTERCOM

SKY PLATFORM



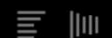
Our web-based cloud platform to connect, configure, monitor and control all our products.



based on
SKY THINGS
framework



SAVE



Published at 10.11.2020 12:35:25

Sub project: 8 inch (v.40)

English



Pages

Devices

Info



Search in devices



BMS Nodes: 33

+ Add new de

VRF Nodes: 0

UI Objects: 10

Expand all / Collapse all

KNX/TP - PORT2

- KNX | Feedback & Write
- KNX | Feedback & Write
- KNX | Feedback & Write
- KNX | Feedback & Write
- KNX | Feedback & Write

iNELS - 192.168.1.252:9999

- iNELS | Feedback & Write

Search plugins...



Expand all / Collapse all

Dashboard Widgets

Security

Built-in Peripherals

UI Object

Schedule

Debug

Constant

Math

Logic

Intercom

Media

Cameras

Web

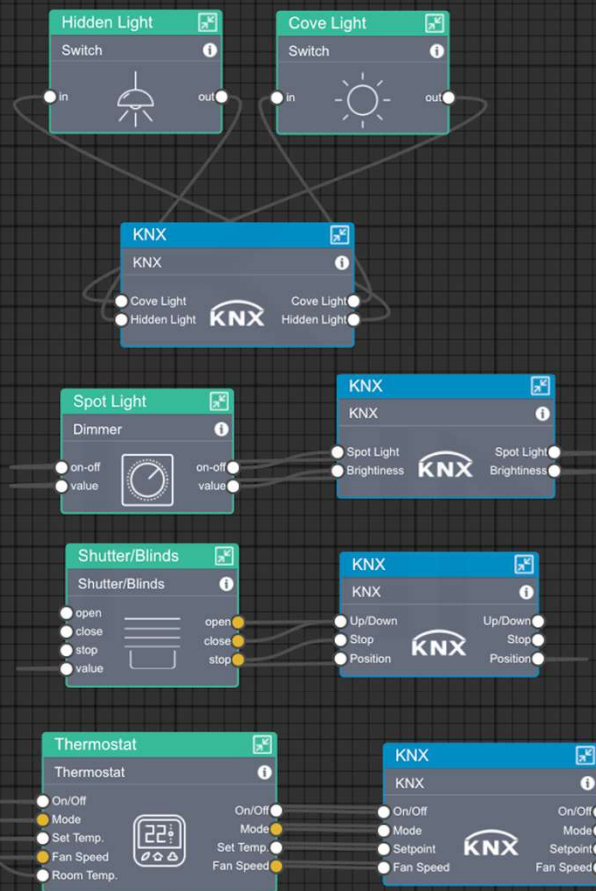
Dashboard

Bedroom
(-1 - Room)

Dinning
(1 - Ground Floor)

Room
(1 - Ground Floor)

Cameras



FLOW-BASED
PROGRAMMING

SKY
THINGS

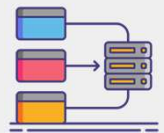
SKYPLATFORM ADVANTAGES



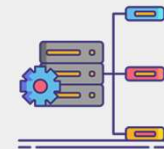
Online configuration and programming devices via cloud



Always up-to-date software with flow-based programming



Live monitoring of products and connected devices via cloud



Multiple device configuration and programming via cloud



Data collection from devices with filtering and importance criteria



Analysis of collected data and detailed reports



Import/export configuration files and parameters



Skythings is a lightweight framework which can run on linux or android operating system. The core software of our smart home, building management and energy management products. Applications built on this framework, allows integrators wide range of capabilities and solutions in projects. Skythings configuration and programming based on cloud and uses native drivers to access to many protocols simultaneously. Skythings framework is configured by SkyPlatform which is a flow-based configuration platform.



Framework Features

- Multiprotocol library
- Logic functions
- Math functions
- Data logging
- Protocol gateway
- Centralized management
- Online icon library
- Up to 5000 data points
- Scene creation
- Astronomical time
- Scheduled operations
- VoIP and SIP support
- Flow-based easy programming
- Editable UI interface
- Online/Offline configuration
- Cloud programming
- Live monitoring
- Built-in web server/interface

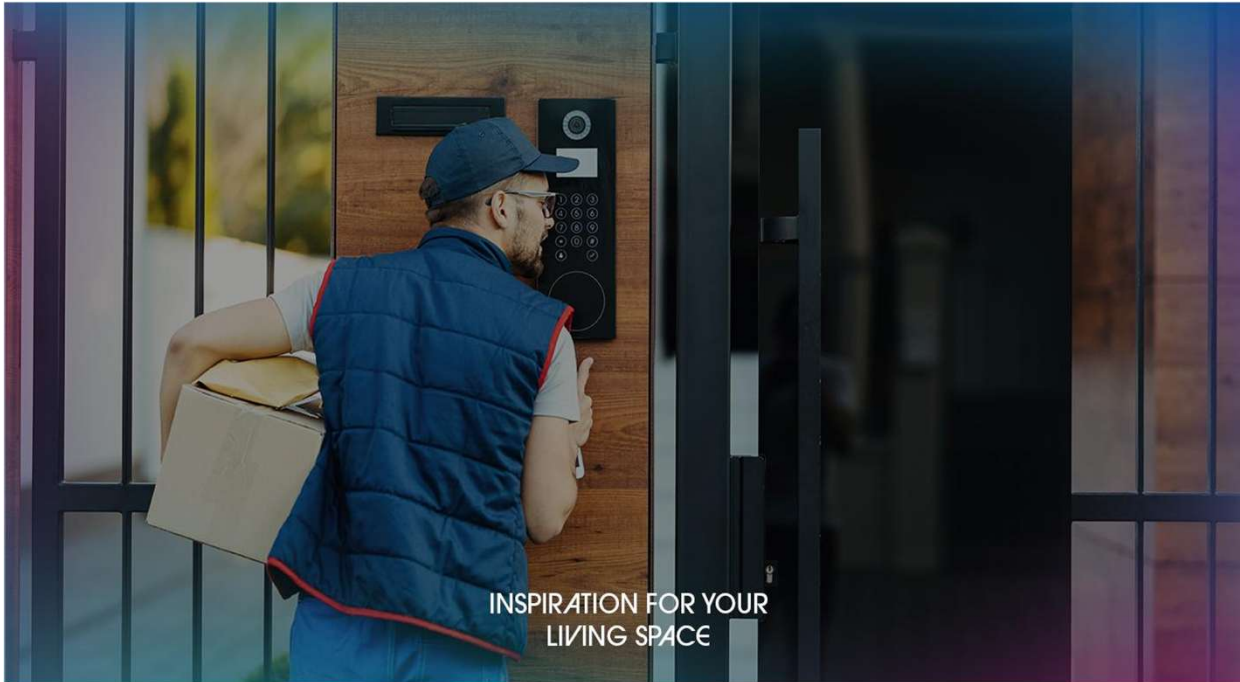
Supported Protocols



Supported HVAC VRF Brands



INTERCOM SOLUTIONS



Our intercom solutions are designed to work effortlessly with INSPINIA's home and building automation systems. Control and monitor your intercom directly from the same platform managing VRF, lighting, security, and more..

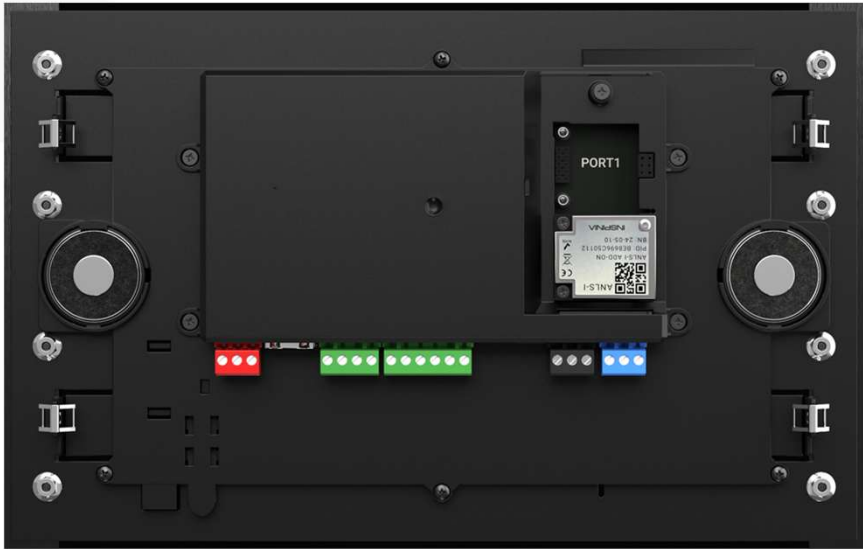
Answer calls, open doors, or communicate with visitors from anywhere using your smartphone, tablet, or INSPINIA touch panels.

Supported IP Intercom Brands



Yealink Fanvil GVS® VOIP 2N

CONNECTIVITY APPROACH



All products are compatible with our future-proof add-on concept. Various kind of add-on modules allows to extend the connectivity options of products such as; KNX, RS485, HVAC systems, Lighting Systems and other wired and wireless protocols natively.



KNX



N-BUS



BTICINO



ZIGBEE



RS485



VRV/VRF



MODBUS

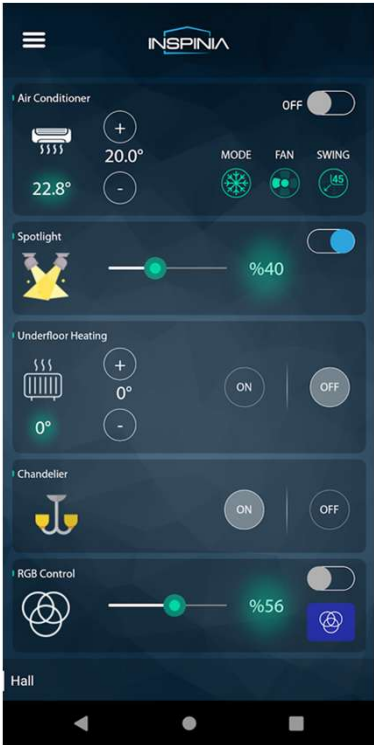


INELS

MOBILE APP



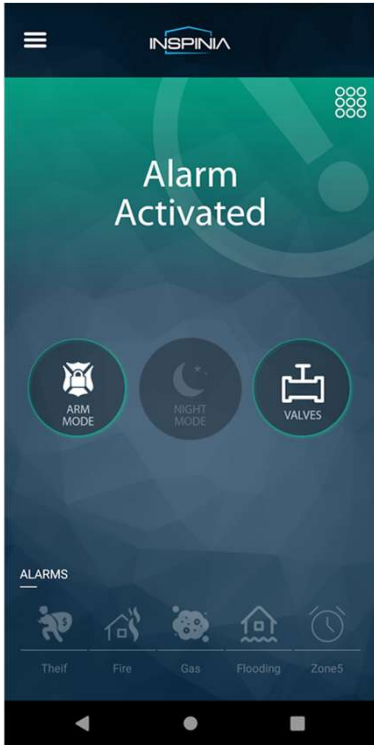
Android & iOS



Many control objects



Free Cloud Service

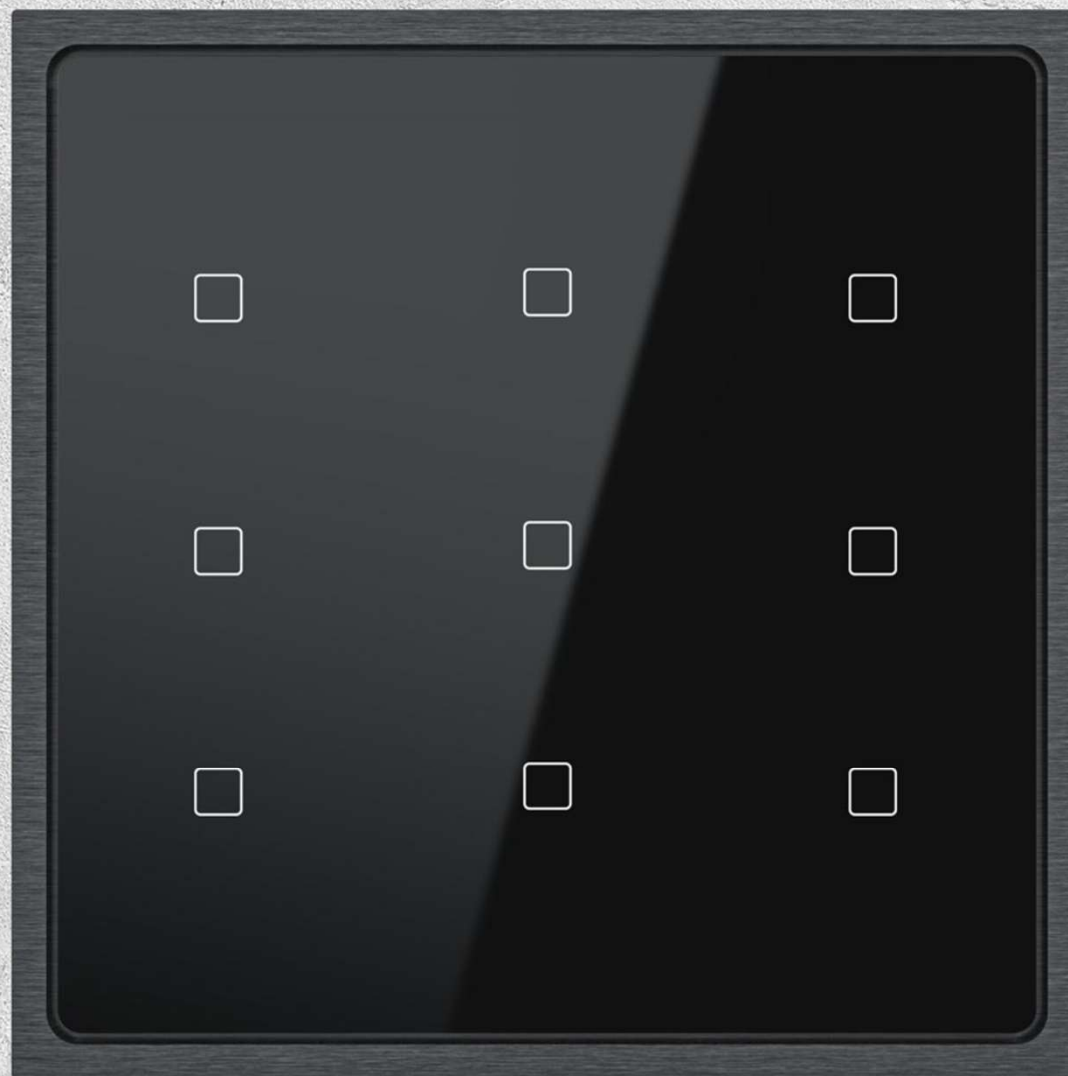


Mobile-on-call

KEYPADS

STANDART

9 TouchPoint





INSPINIA

ALL-IN ONE SOLUTION

CUSTOMIZABLE KEYPAD
LASER MARKING ARTWORK
THERMOSTAT FUNCTION
ROOM CONTROLLER



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TOUCH GLASS KEYPAD SPECS



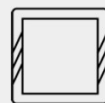
Linux Based OS
w/ SkyThings Framework



1.5" Oled LCD
128x64px



1 x I, 1 x O



Metal Frame Options
**Black / Silver / Gold / Copper
Bronze / Pink / Red**



Box Standards

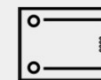
- German Box
- 2M Italian Box



Temperature &
Humidity Sensor



Ethernet
(POE)



1 x Add-On Port



Motion
Sensor



INSPINIA

KEYPAD



TOUCH PADS

Up to 9 touch points with RGB leds

Customizable Artwork

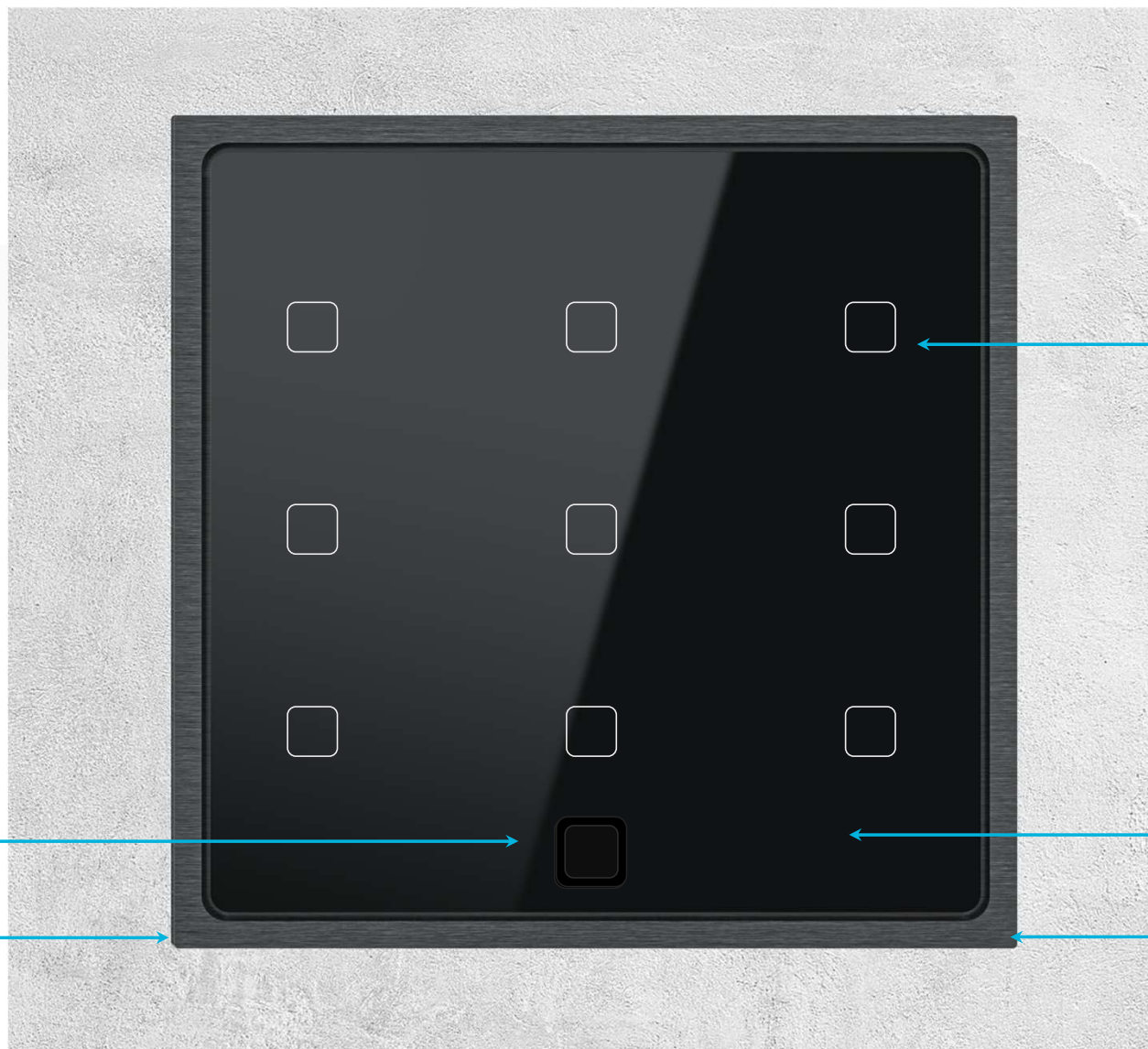
MOTION SENSOR
(OPTIONAL)

TEMPERATURE &
HUMIDITY SENSOR

BUZZER

ADDRESS SWITCH

inspinia.eu



**TOUCH PANELS &
ROOM CONTROLLERS**

SMART TOUCH PANELS

HIGHLIGHTED FEATURES

- ANDROID / LINUX BASED OS
- 4 / 8 / 10 INCH OPTIONS
- CLOUD MOBILE APP & VOIP INTERCOM
- CONFIGURABLE UI, DASHBOARD WIDGETS
- LIGHT, SHUTTER, AIR CONDITIONING, MULTIMEDIA, CAMERAS AND 10+ VARIOUS CONTROL OBJECTS
- FLEXIBLE PROGRAMMING, 10000+ ONLINE ICON LIBRARY
- SUITABLE FOR SMART HOME AND SMART HOSPITALITY
- METAL FRAME & BAR OPTIONS
- SUITABLE FOR RETROFIT APPLICATIONS (ON-WALL)
- CONNECTIVITY OPTIONS VIA ADD-ON MODULES



Silver



Black



Gold



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INSPINIA 8/10

TOUCH PANEL SPECS



2 x EXTENSION
ADD-ON PORTS



2 x 2W SPEAKERS



ANDROID 7.1



POE GIGABIT
ETHERNET



2.4 GHZ
ANTENNA



MICROPHONE



TEMP
SENSOR



HUMIDITY
SENSOR



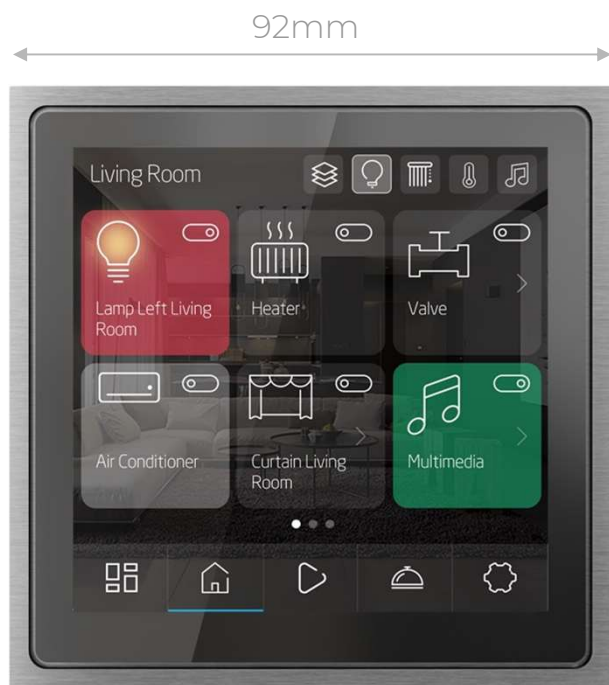
QUAD CORE CPU
+ 1 GB RAM
+ 8 GB MMC



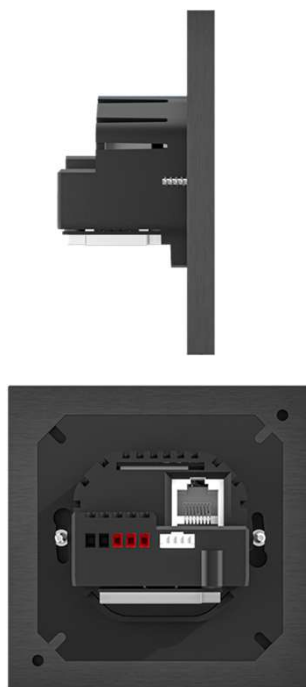
5 POINT
MULTI TOUCH

INSPINIA 4SQ

TOUCH PANEL



INS4SQ



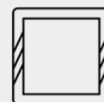
Linux Based OS
w/ SkyThings Framework



4" Capacitive Panel
IPS, 400 Nit LCD



2 x I I/O

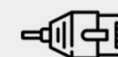


Metal Frame Options
Black / Silver / Gold / Copper / Bronze / Pink / Red



Box Standards

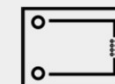
- German Box
- 2M Italian Box



Ethernet (POE/PPOE)
(BCU Option)



Temperature &
Humidity Sensor



1 x Add-On Port

INSPINIA 4WM

ON-WALL TOUCH PANEL



Linux Based OS
w/ SkyThings Framework



4" Capacitive Panel
IPS, 400 Nit LCD



Wi-Fi



RS-485
Communication



Ambient Light
(Side RGB Leds)



Temperature
Sensor



Humidity Sensor



Microphone



Haptic Feedback



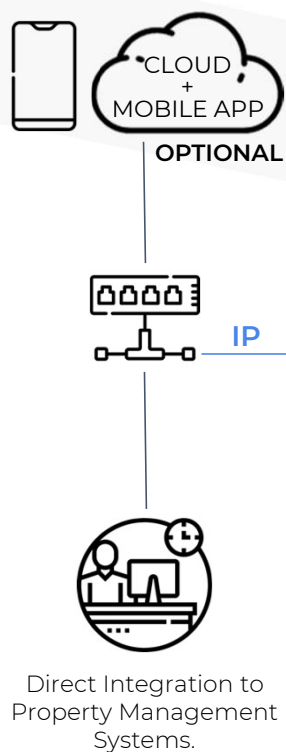
2 x 1W Speaker

RESIDENCE SOLUTION

INS8SQ/INS10SQ



This example presents how Inspinia 8F controls various products in an apartment.



FLAT



IP

5x Digital In
2x Digital Out
(Dry Contact 2A / 24V DC)

Highlighted Features

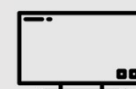
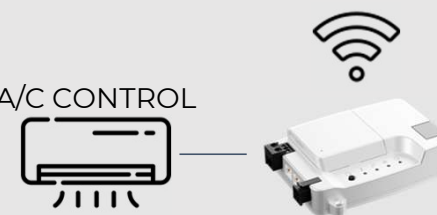
KNX, Bluetooth and IP based protocols can run simultaneously.

Allow receive VOIP calls from various IP intercom brands and redirect calls to mobile application via cloud servers.

Advanced dashboard widgets allows shortcuts and information for end-user. Such as; weather forecast, invoices from property management system, control shortcuts and environment data.

Customizable background and icon set allows personalized interface.

A/C CONTROL



SMART MULTIMEDIA CONTROL



SECURITY SENSORS



TEMPERATURE & HUMIDITY CONTROL VIA BUILT-IN SENSOR



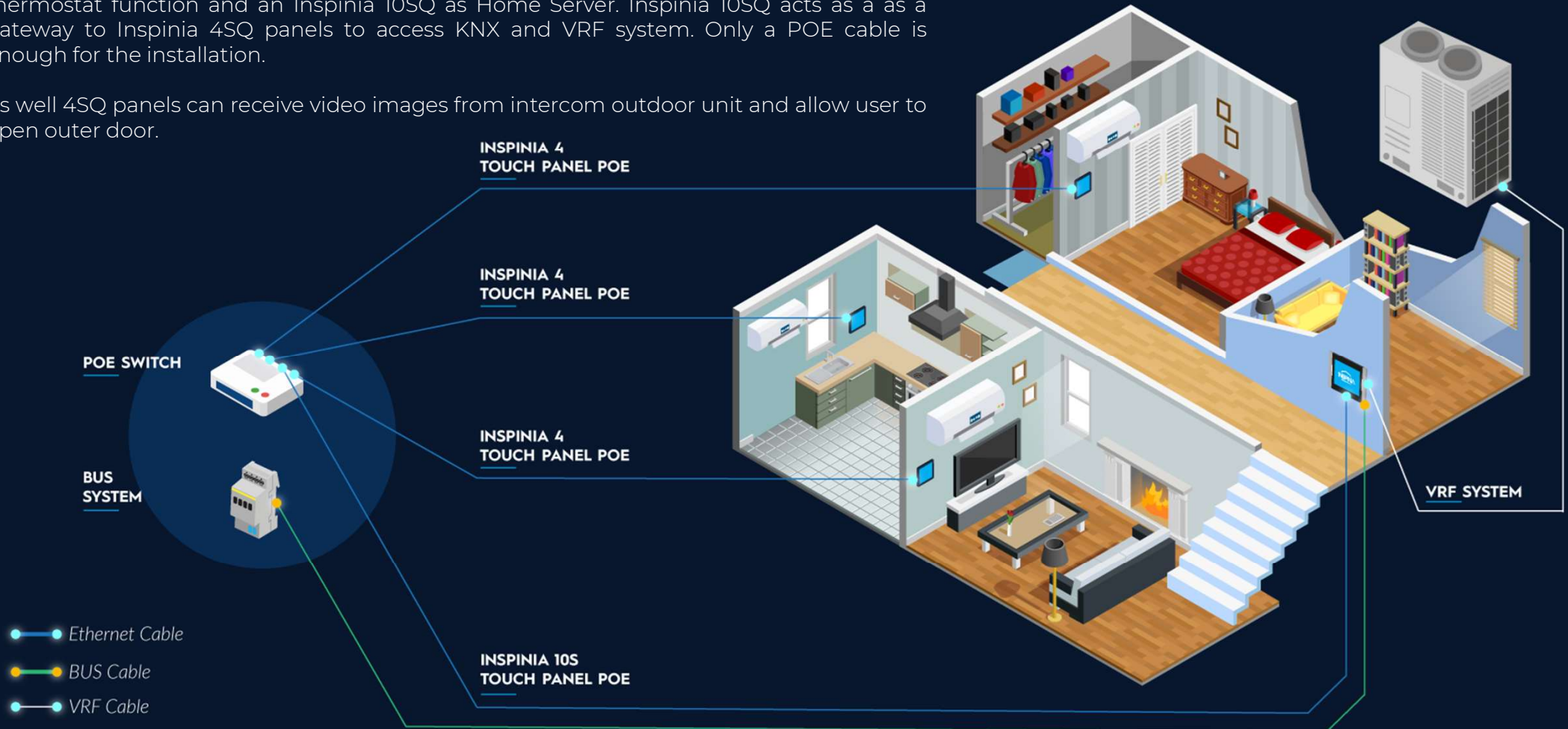
VOIP INTERCOM

HOME AUTOMATION EXAMPLE



This example presents Inspinia 4SQ or Keypad for each room as a room controller with thermostat function and an Inspinia 10SQ as Home Server. Inspinia 10SQ acts as a gateway to Inspinia 4SQ panels to access KNX and VRF system. Only a POE cable is enough for the installation.

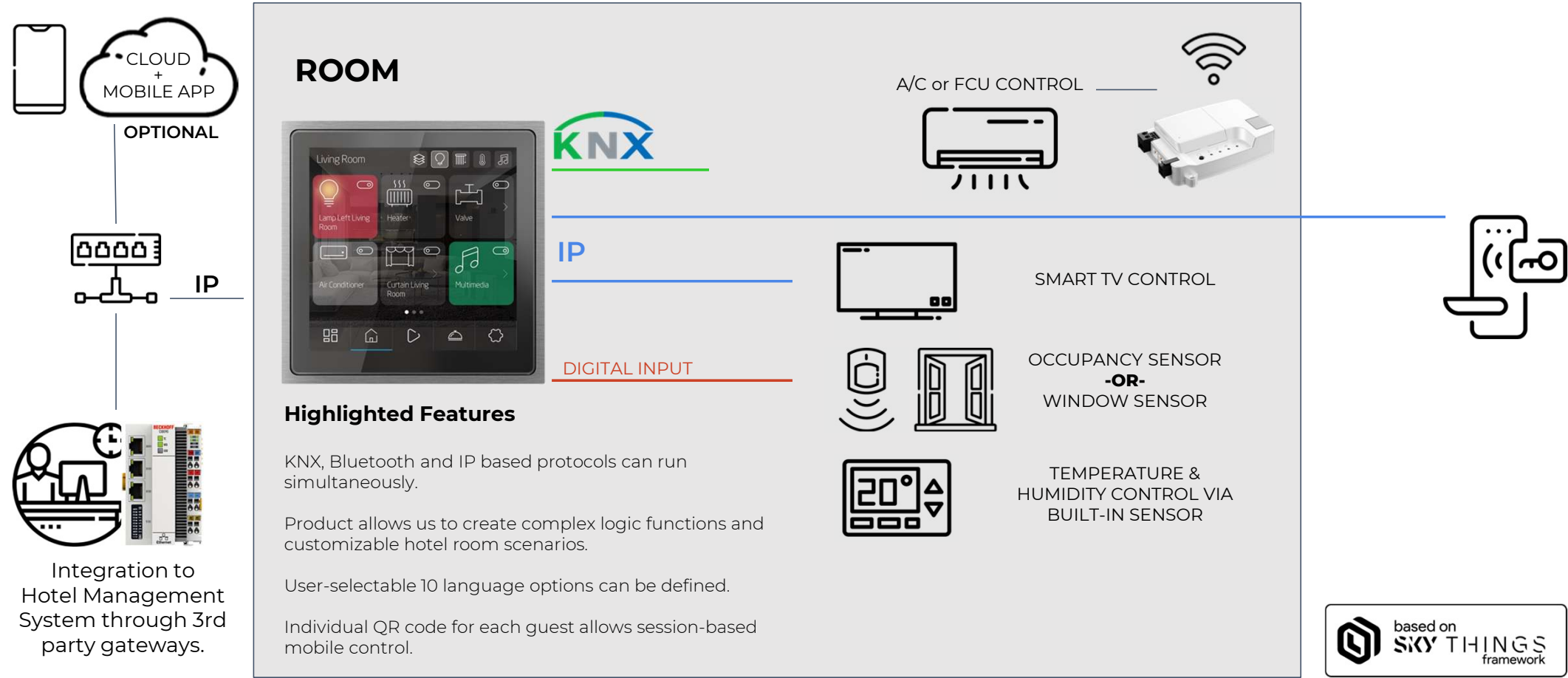
As well 4SQ panels can receive video images from intercom outdoor unit and allow user to open outer door.



HOSPITALITY SOLUTION w/ INS4SQ



This example presents how Inspinia 4F controls various products in a hotel room.



ROOM



IP

DIGITAL INPUT

Highlighted Features

KNX, Bluetooth and IP based protocols can run simultaneously.

Product allows us to create complex logic functions and customizable hotel room scenarios.

User-selectable 10 language options can be defined.

Individual QR code for each guest allows session-based mobile control.

A/C or FCU CONTROL



SMART TV CONTROL



OCCUPANCY SENSOR
-OR-
WINDOW SENSOR

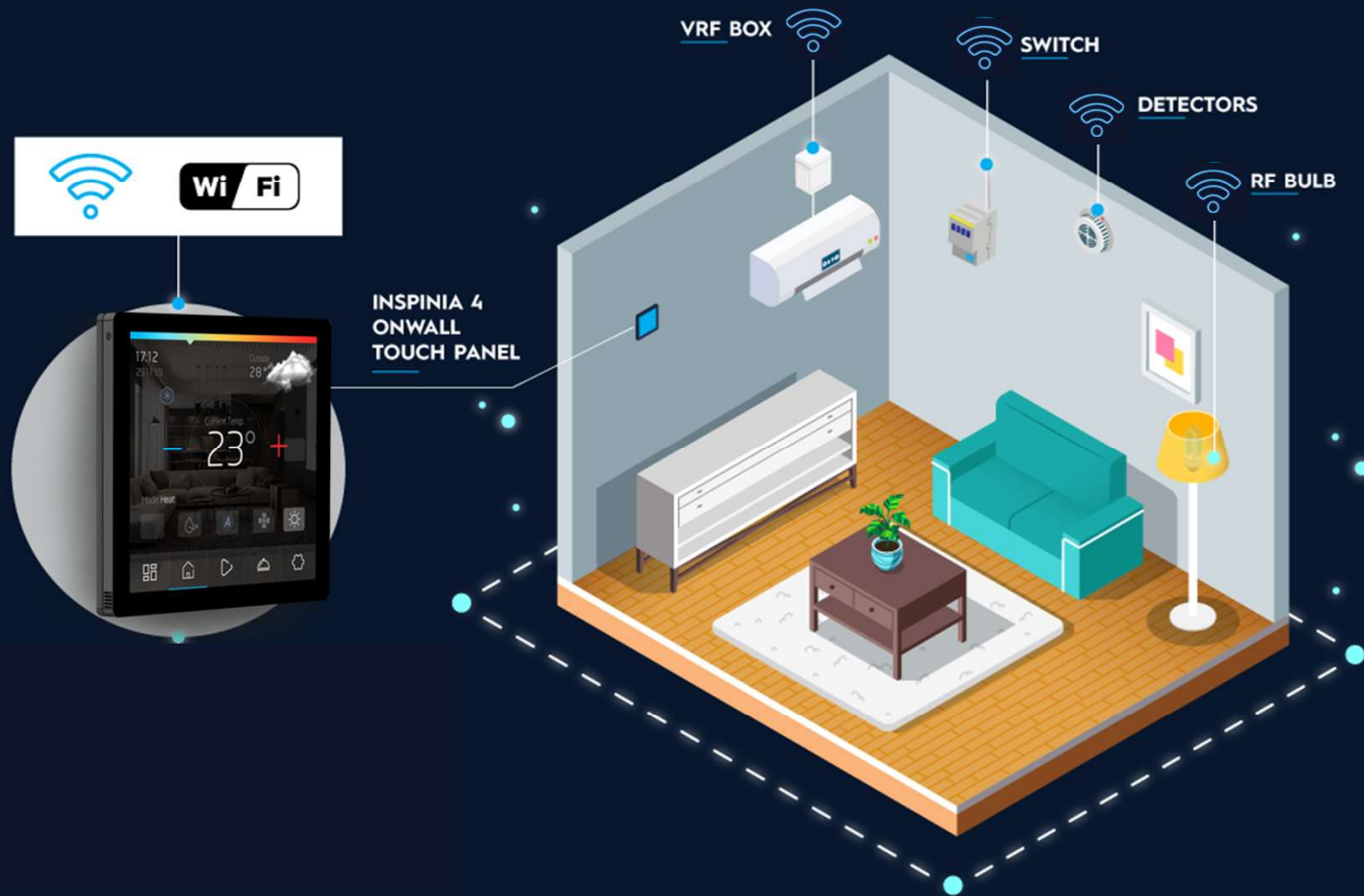


TEMPERATURE &
HUMIDITY CONTROL VIA
BUILT-IN SENSOR



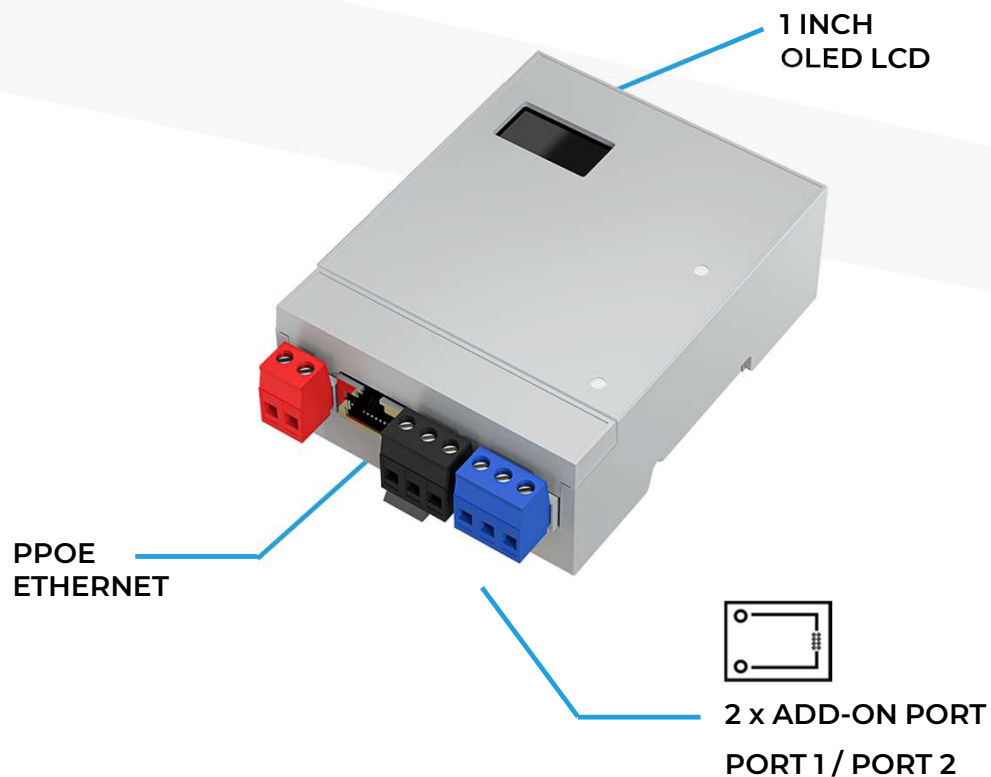
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RETROFIT APPLICATION EXAMPLE



SERVERS & INTERFACES

MINI SERVER



HIGHLIGHTED FEATURES

- CLOUD MOBILE APP
- EMBEDDED WEB INTERFACE
- FLEXIBLE PROGRAMMING
- CONNECTIVITY OPTIONS VIA ADD-ON MODULES
- SUITABLE FOR SMART HOME, SMART HOSPITALITY AND ENERGY MANAGEMENT
- SUITABLE FOR M2M APPLICATIONS
- ALLOWS GSM CONNECTION
- SUPPORTS VARIOUS PROTOCOL WIRED AND WIRELESS UP TO 1000 POINTS



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AIRCON



AC OR VRF
INDOOR UNIT



-or-



4 different brands are supported at the moment and we constantly work on to support different brands.

External temperature sensor input allows to get real data from the field.



Wi-Fi
Technology
as Default

Product also have
KNX connectivity
as an option.

THANK YOU

www.inspinia.eu | sales@inspinia.eu