



INSPINIA PRODUCTS & SOLUTIONS



PRODUCT RANGE



SMART TOUCH PANELS
4 / 8 / 10 INCH



Skythings is a lightweight framework which can run on linux or android operating system. The core software of our smarthome, 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 | - Online icon library | - Flow-based easy programming |
| - Logic functions | - Up to 2000 data points | - Editable UI interface |
| - Math functions | - Scene creation | - Online/Offline configuration |
| - Data logging | - Astronomical time | - Cloud programming |
| - Protocol gateway | - Scheduled operations | - Live monitoring |
| - Centralized management | - VoIP support | - Built-in web server/interface |



Supported Protocols



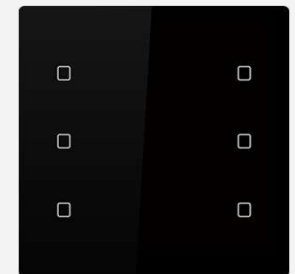
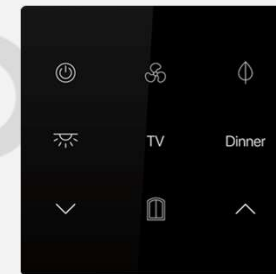
Supported HVAC Brands



SKY PLATFORM

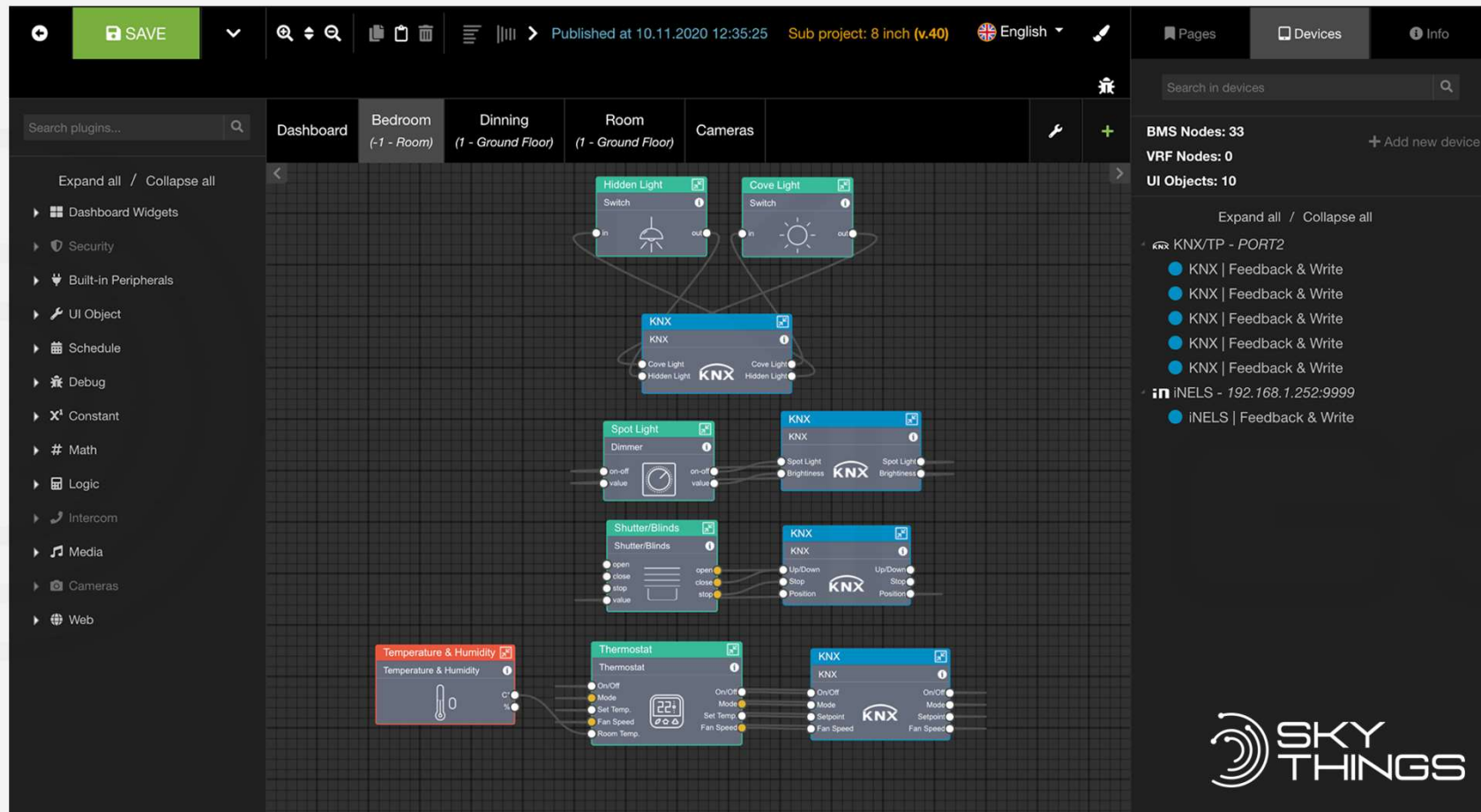


our web-based cloud platform to connect, configure, monitor and control all our products.



BASED ON FRAMEWORK





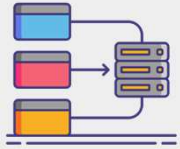
SKY PLATFORM ADVANTAGES



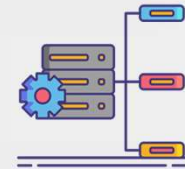
Online configuration and programming devices via cloud



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



Live monitoring of products and connected devices via cloud



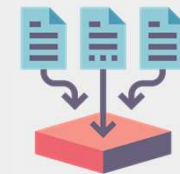
Multiple device configuration and programming via cloud



Data collection from devices with filtering and importance criteria



Analysis of collected data and detailed reports



Import/export configuration files and parameters



Easy integration possibility with Rest API



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; INELS, KNX, RS485, HVAC systems, Lighting Systems and other wired and wireless protocols natively.



INELS



KNX



BTICINO /SCS



ZIGBEE



RS485



VRV/VRF



N-BUS



ACI BLE

AC OR VRF INDOOR UNIT



5 different brands are supported.
We constantly work on to support different brands.



 **Bluetooth®**



Bluetooth 5.0
Technology

- Modbus-KNX (beta)
- WIFI (planning)

Aircon interface lets to fully control and get feedback from air conditioners.



SMART TOUCH PANELS



Silver

Black

Gold



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



INSPINIA EST8/10" 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 EST4RT ON-WALL TOUCH PANEL



Linux Based OS
w/ SkyThings Framework



4" Capacitive Panel
IPS, 400 Nit LCD



Wi-Fi



RS485
Communication



Ambient Light
(Side RGB Leds)



Temperature
Sensor



Humidity Sensor



Haptic Feedback



2 x 1W Speaker



Microphone



INSPINIA EST4 TOUCH PANEL

92mm



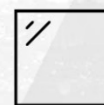
EST4



Linux Based OS
w/ SkyThings Framework



Ethernet (POE/PPOE)



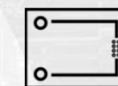
4" Capacitive Panel
IPS, 400 Nit LCD



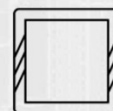
Temperature &
Humidity Sensor



2 x I (Dry)/ IR (5v) O



1 x Add-On Port



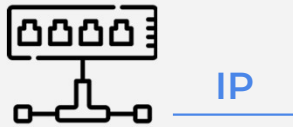
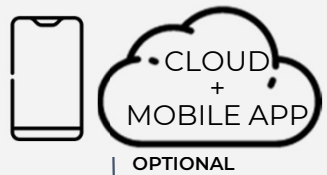
Metal Frame Options
Black / Silver / Gold



Compatible Box Standards
- German Box
- 2M Italian Box

Sample SOLUTION - INS8SQ / INS10SQ

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



Direct Integration to
Property Management
Systems.

FLAT / Residence



Highlighted Features

INELS, other bus protocols 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



Bluetooth®

Or
Other Bus - IP
Protocols or VRF
Solutions

MQTT

IP

DIGITAL INPUT



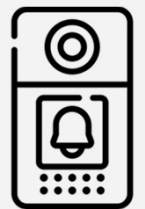
SMART MULTIMEDIA
CONTROL



SECURITY SENSORS



TEMPERATURE &
HUMIDITY CONTROL VIA
BUILT-IN SENSOR



VOIP
INTERCO
M