

SMART HX



Ultimate Home
Control Solutions



Complete Retrofit Solution for Home

REV.01



Overcoming challenges that other Home Automation systems face:

Wireless

Home Automation systems (Smarthome control) Retrofit solutions that are available in the market always face many challenges including:

- Communication collision
- Freezing and overheating
- Distances challenge
- Heavy loads control challenge
- Future Expand ability
- full integration ability
- Control of DMX, DALI lights
- Penetration of signal
- Stability of the complete Sys.
- Muti function in single device
- Distributed intelligence
- Switches that fit any backbox
- Simplicity in use
- Speed in interaction

Smart G4 Can ✓



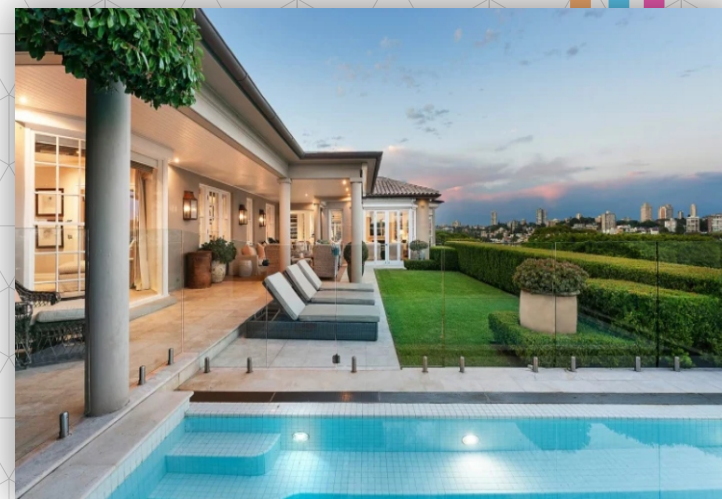
Heavy Loads and Many Channels in one area



Multi story Big Heavy walls and large span areas



Clean Simplest Designs avoiding Cluttering



Big Garden, Pool, and Fountains

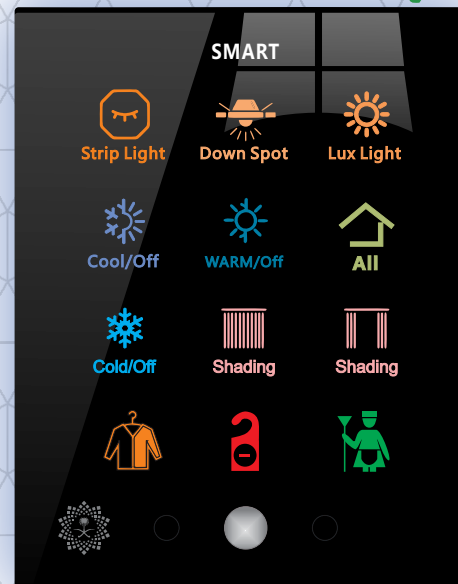


All you Need is One device Per Room



=

Smart G4 Can ✓



Affordable

Functional

Adequate

If Other wireless System

In single Room must buy the following items for simple Automation Solution:

- Light Switch
- Infra red Emitter w/temperature
- Motion Sensor
- Mood Switch
- Gateway with Logic
- Lux Sensor

All these Features are Built-In one single Panel

- ✓ Light Switch with 3Relays
- ✓ Infra Red Dual Emitter
- ✓ Motion Sensor
- ✓ Moods and Scenes
- ✓ DDNS Gateway + Logic + Timer
- ✓ Lux Sensor
- ✓ Dual temperature sensor
- ✓ IR Receiver Eye for Local easy Hand Held remote control
- ✓ Flexible Labeling and Icons
- ✓ Flexible Each Button lighting Color
- ✓ Colored LED Surround Light/Night Light
- ✓ Up to 12 Flixible function Touch Buttons
- ✓ Direct 20 Slaves Expandability

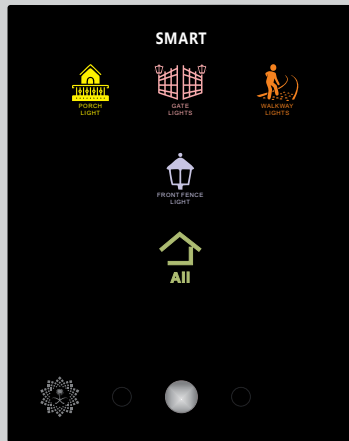




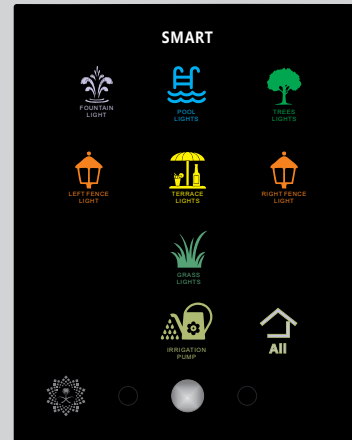
Our Retrofit HX Panels Examples for Apartments



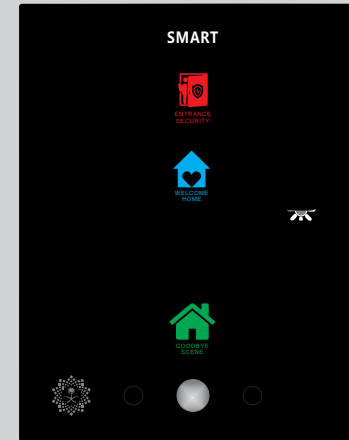
POURCH



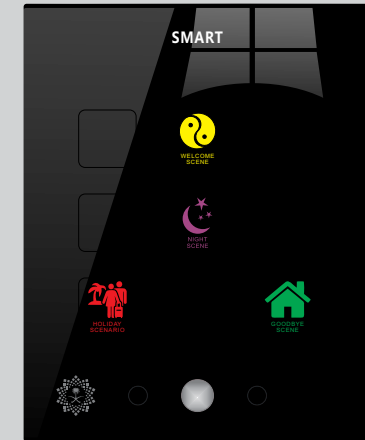
OUTDOOR



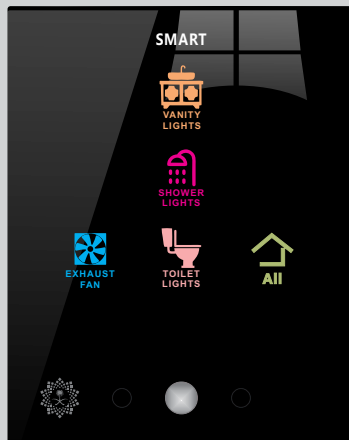
ENTRANCE



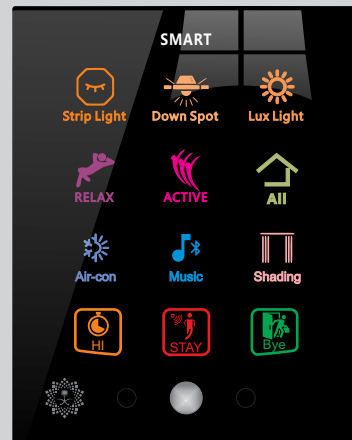
ENTRANCE 2



Bathroom



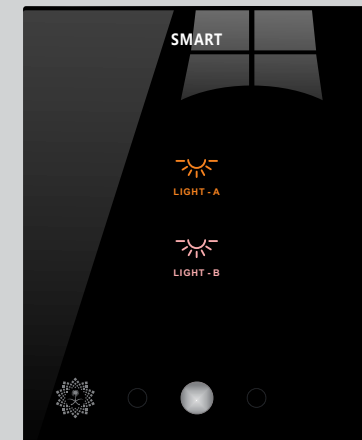
FORMAL



FORMAL 2



Other



Hi = Entering and Leaving soon, Only Important Light is on for X Seconds Then Automatically off= Energy Save

Stay = Means, Person will stay in the area So all his needs of comfort will operate Also Occupancy sensors will be activated

Bye = Means Leaving the Area So System will take automatic Action to switch off Room = to Energy save at low consumption



HX Retrofit Main Components

WiFi Mesh

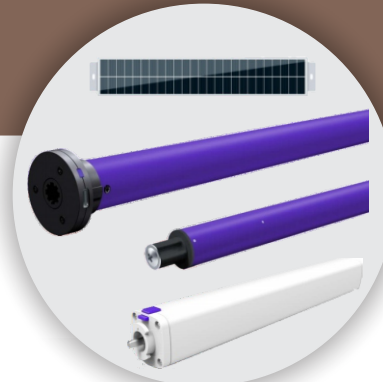
RF Link

Sensor Triggers

Logic Timer

Humidity/Lux/Temp.
Lux/Temp.

Wireless Motors

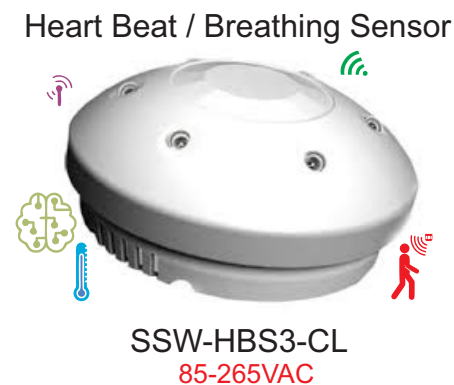
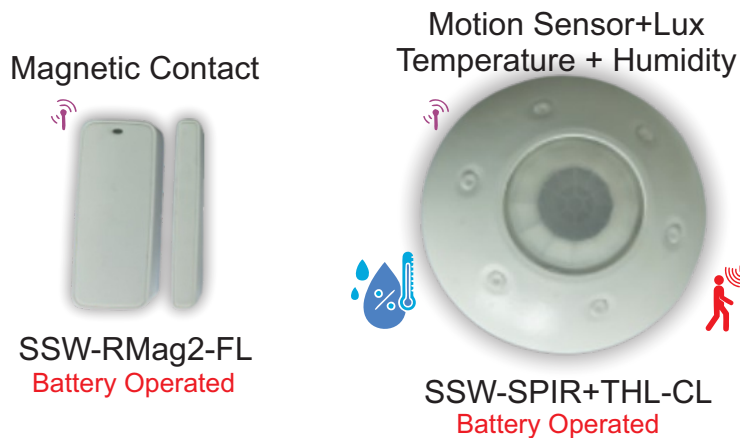
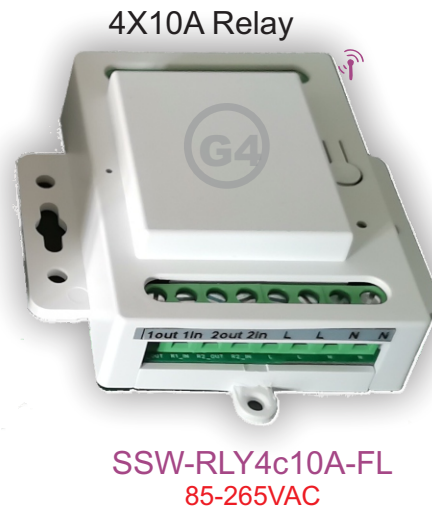
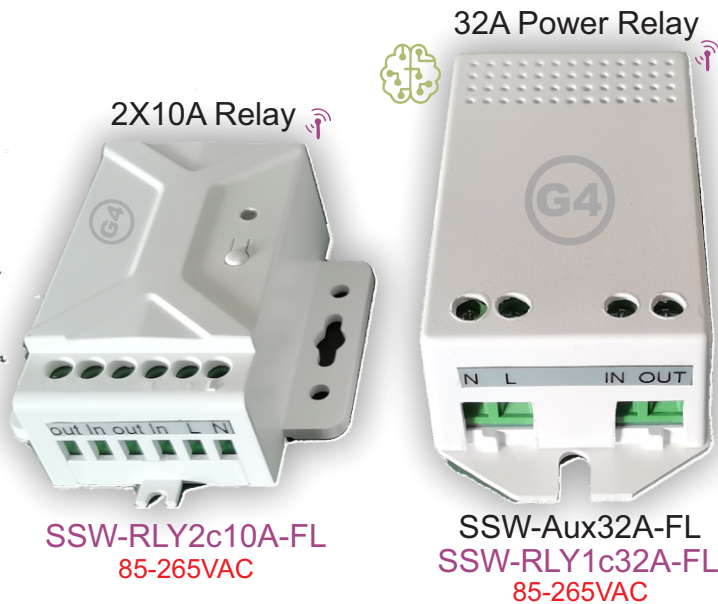


Battery Operated

Hornet-X (13 in 1)



SBW-HornetX-UN
85-265VAC



IR
Hand
Held
Remote
Local
Room
Control





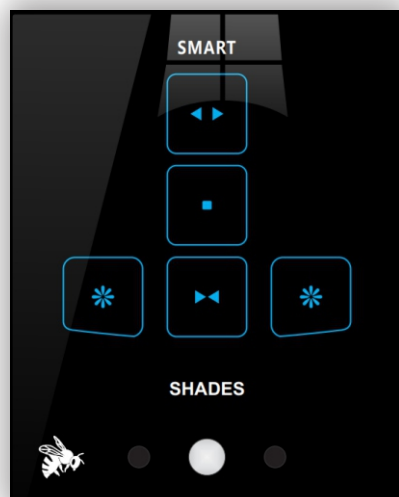
12T Universal
SB-HornetX-UN

All in 1 Hornet-X

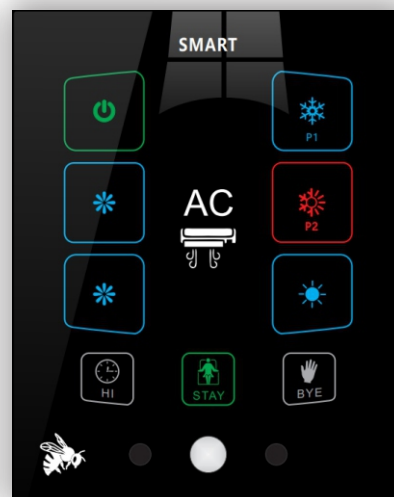
The Best Retrofit
DIY Solution



UHF
SBW-Hornet-FH11T-UN/W



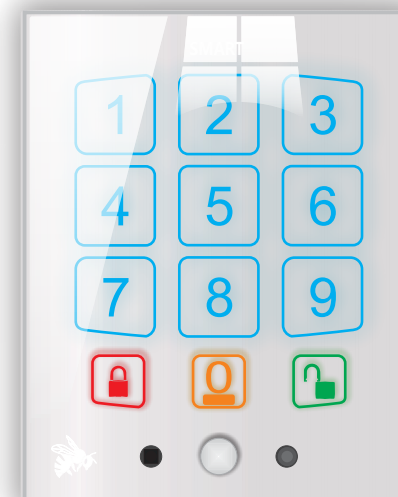
Motors
SBW-Hornet-MTR3T-UN/B



FCU
SBW-Hornet-FCU9T-UN/B



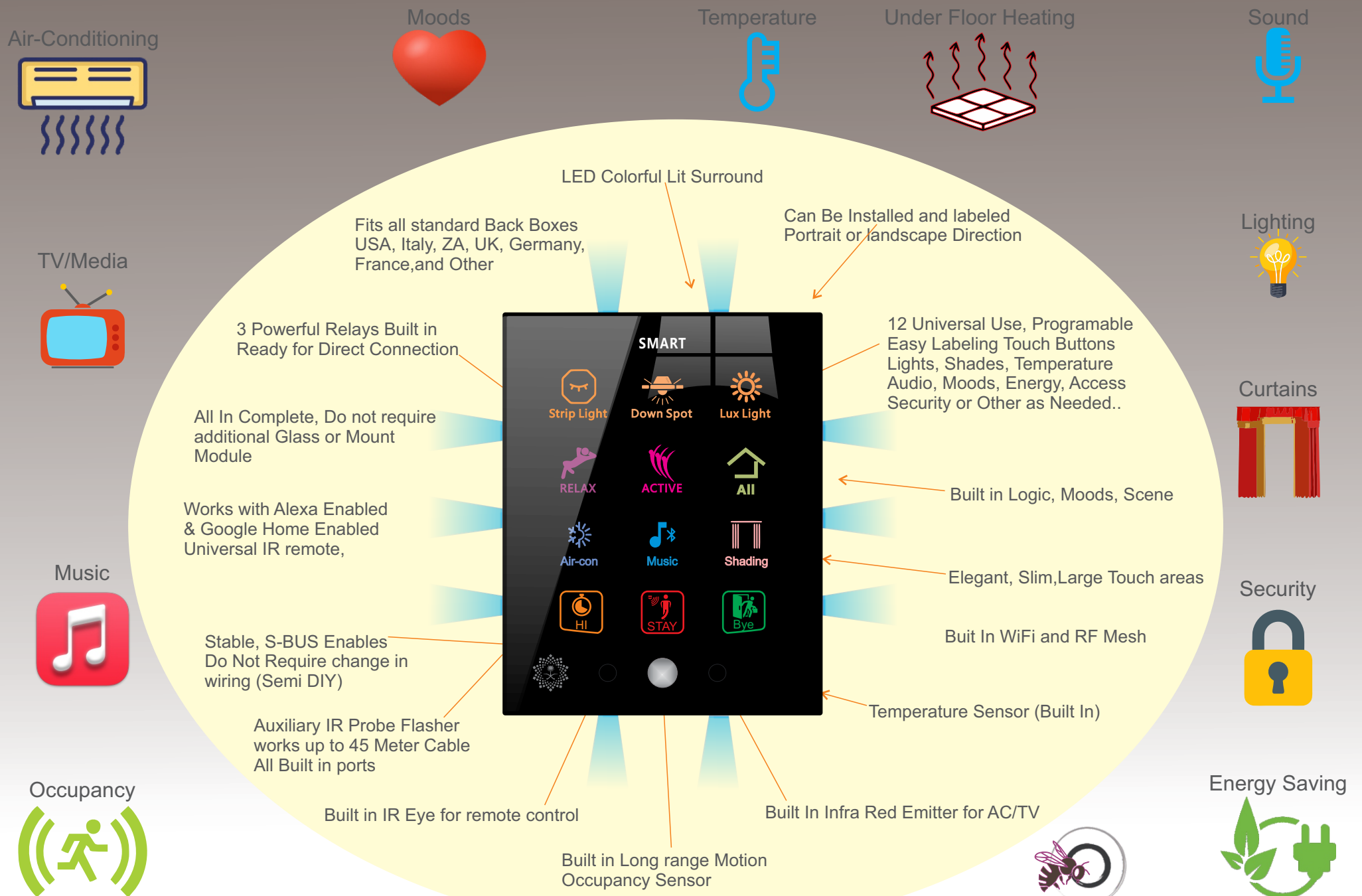
Lighting
SBW-Hornet-3R9T-UN/B



Security
SBW-Hornet-Sec-UN/W

Every Panel has Built in: Temperature Sensor, 3 relays, PIR, IR Emitter, IR Eye, Lux, Wifi Gateway, Logic, RFx20
Installs on any Back Box Portrait or Landscape direction, each has 5Touch-12Touch Buttons universal





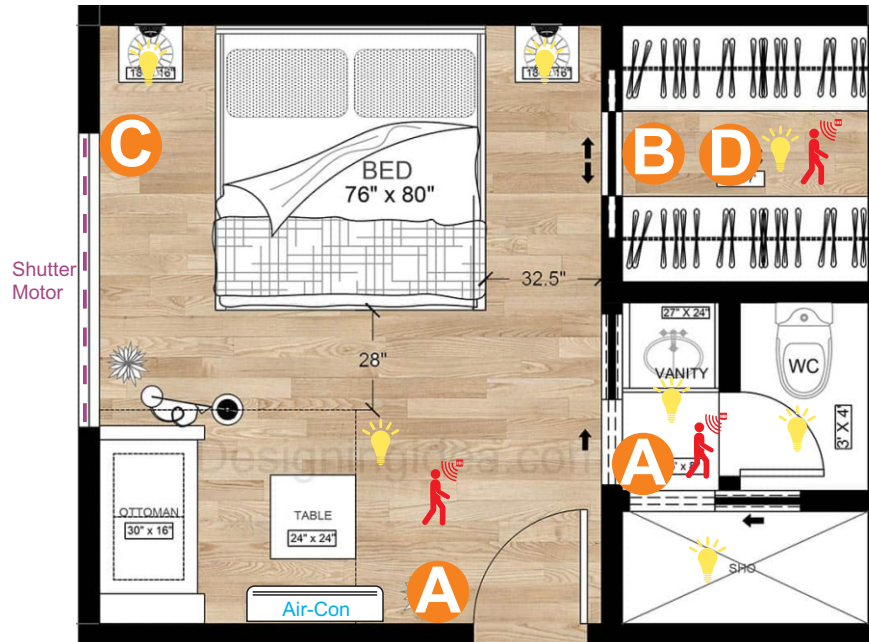
Hornet-X the Heart of HX solutions





HX Bedroom-Suite Solution Example

- A** 13 Function Wall Panel w/ 3-Relays
- B** PIR+ Humidity +Temperature
- C** 2-Relay Motor control
- D** 1-Relay Extra Light Channel



Bedside IR Hand Held Remote Local Room Control



Air-Con Control



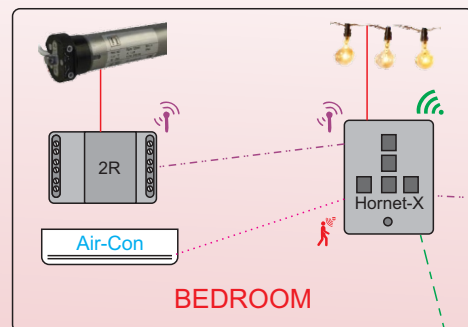
FAN Control



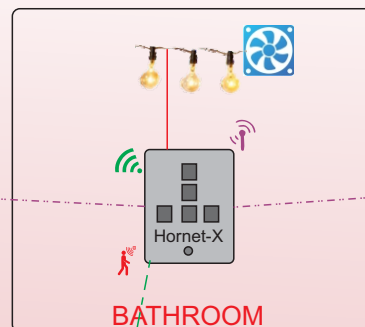
Motor Control



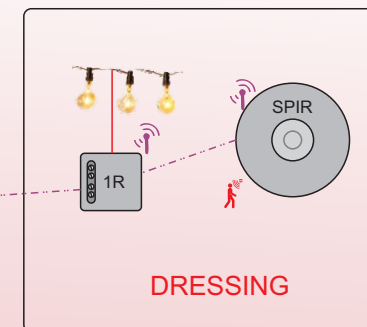
MOOD & SCENE



Hornet-X Detects Motion, and Darkness Triggers Lights and LED Surround light Controls Air-Con Temp. Using IR Triggers Relay Open/Close of Motor



Bathroom Hornet-X Detects Motion & Temp. Triggers Lights and Exhaust



Motion Sensor with lux Triggers Light of Dressing and Checks darkness of Room, and Checks Humidity Level in Dressing



Lights Control



Energy/ Comfort



Humidity & Temp.



Smart Logic & Timer

Control Using Mobile/Tablet Over wifi and Internet



HX Formal Hall Solution Example

- A** 13 Function Wall Panel w/ 3-Relays
- C** 2 or 4 Relay Motor control
- E** Power 1-Relay FCU Off/On
- F** LED Driver and Z-Audio Music Above Cieling

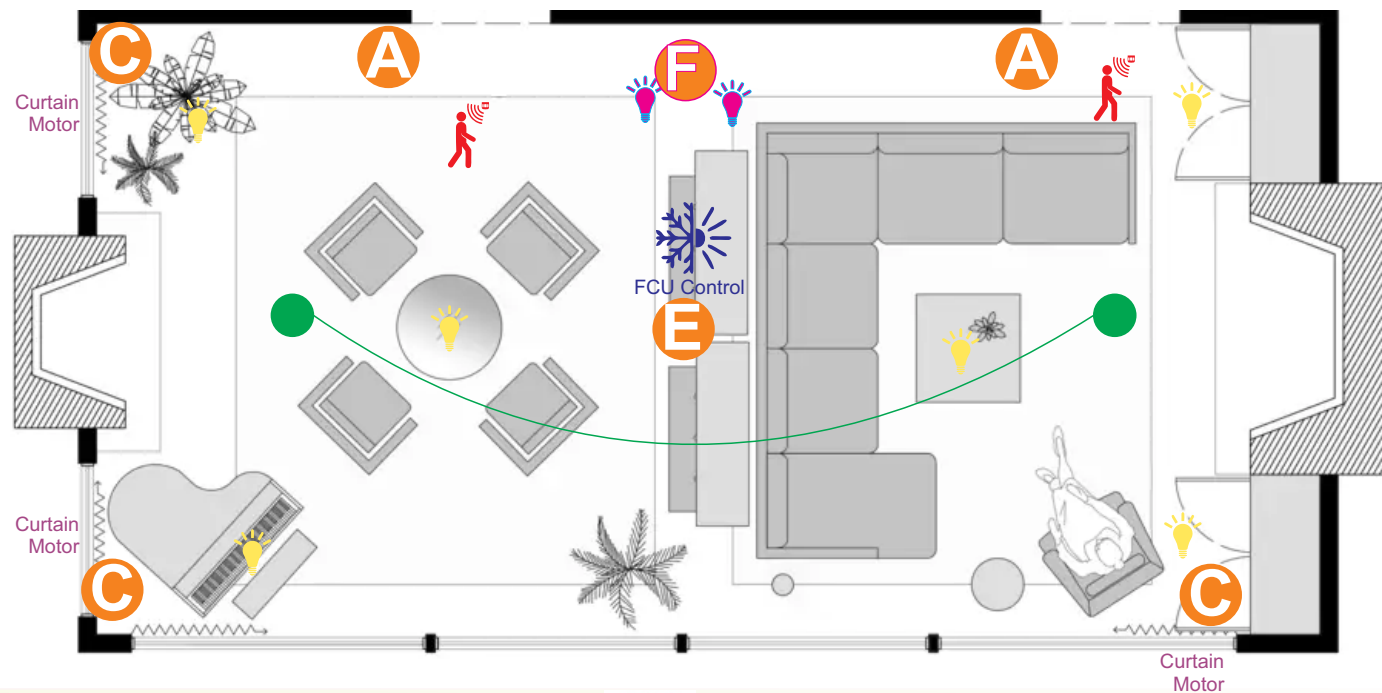
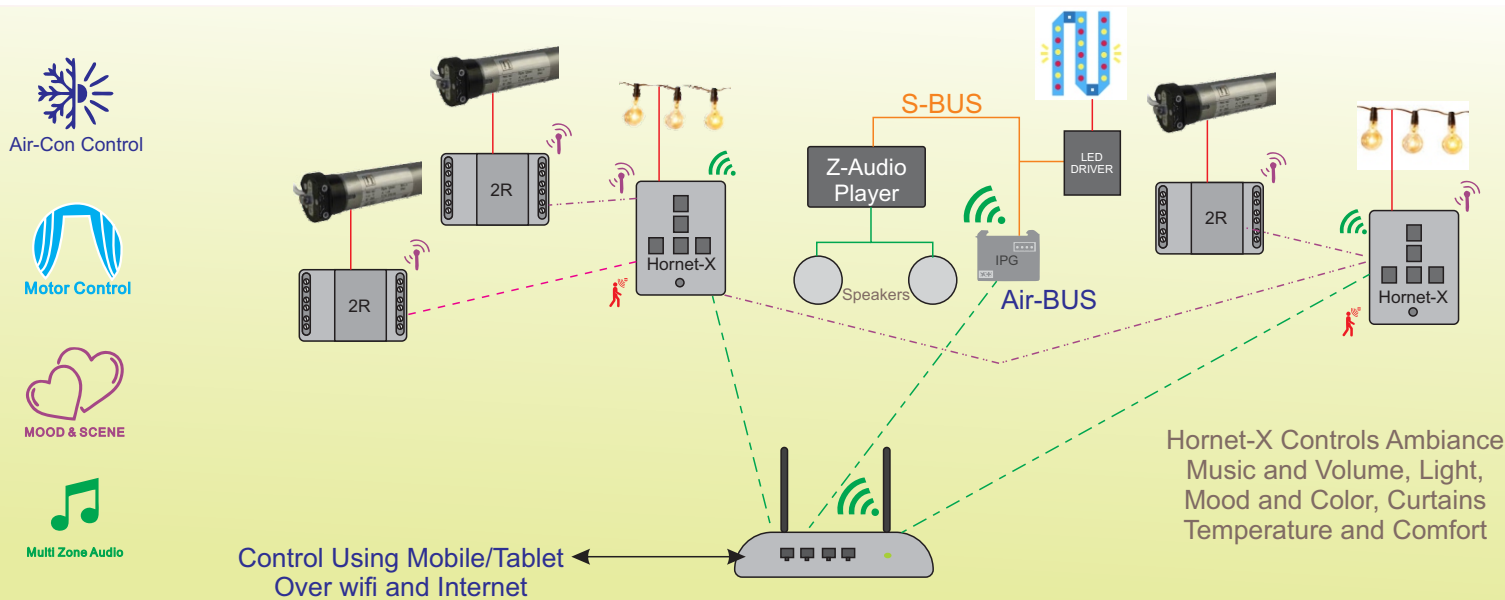


Table IR Hand Held Remote Local Room Control



Hornet-X Controls Ambiance Music and Volume, Light, Mood and Color, Curtains Temperature and Comfort



HX Gate, Garden and Pool Solution Example



13 Function Wall Panel w/ 3-Relays



2 Relay Gate Motor control



12-22 Relay for Garden Irrigation Outdoor Lights DB and Pool control



LED Driver and Z-Audio Music Above Cieling



Access Control



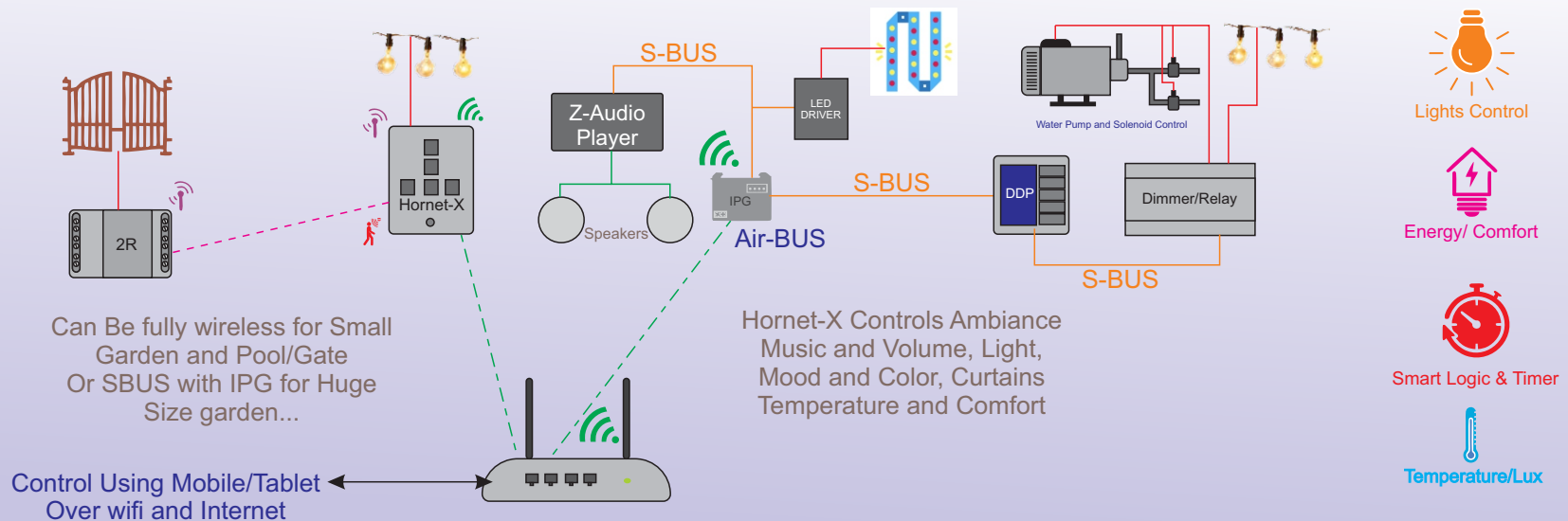
Irrigation



MOOD & SCENE



Multi Zone Audio





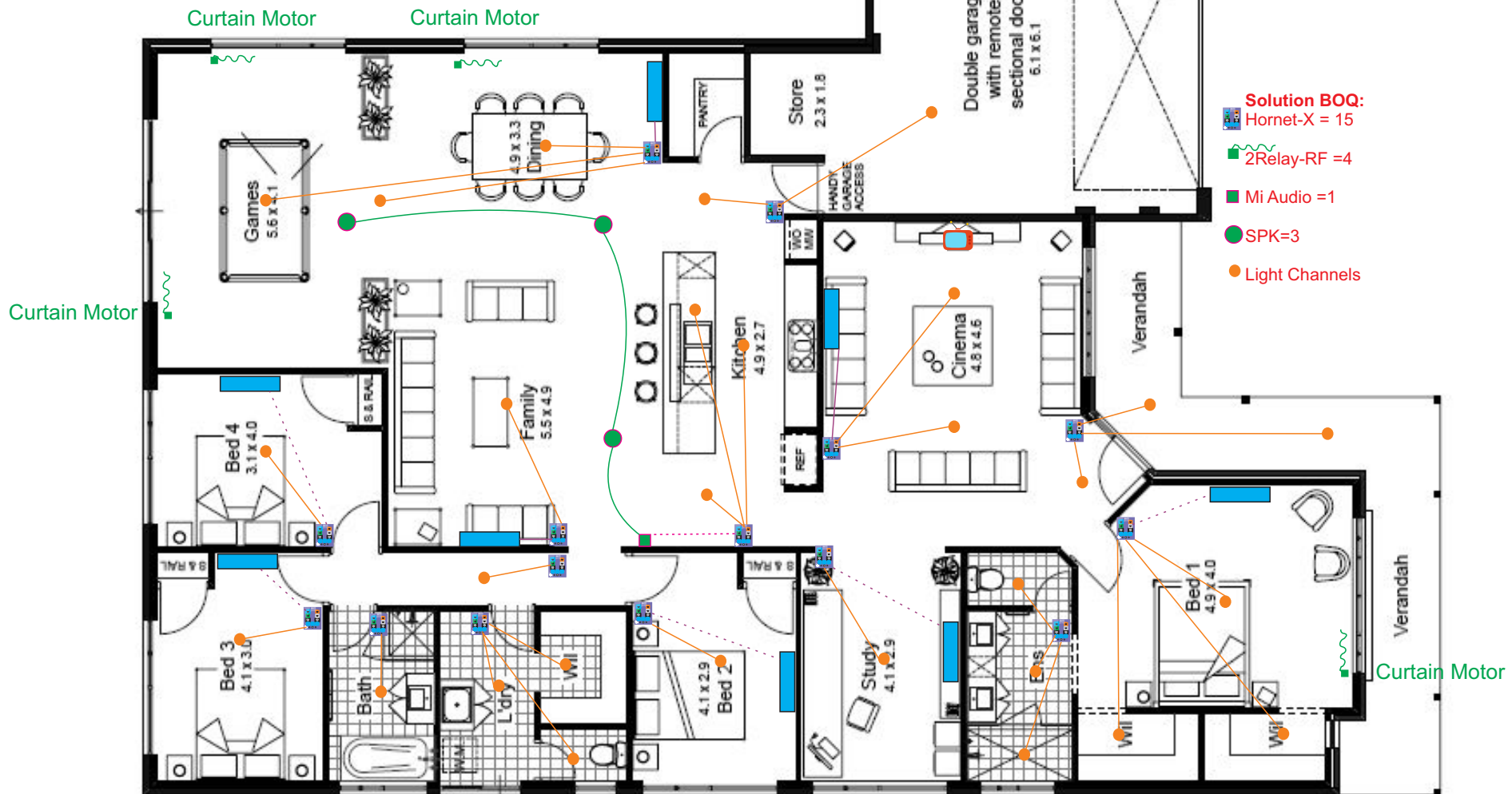
Home Design Example

This Home Solution Includes:

- 45 Light Channels
- 15 Motion Sensors
- 4 Curtain Motors Control
- 15 Split Air-Con Controls
- 1 Music Zone with 3 Speakers
- 15 Wall Touch Switches

System can Expand to Include:

- Video Intercom
- Gate Control
- Irrigation and Pool Pumps control
- Outdoor Lighting and Fence Lights
- Color RGBW Lighting
- Disco Club Controls ...and More



Solution BOQ:

- Hornet-X = 15
- 2Relay-RF = 4
- Mi Audio = 1
- SPK=3
- Light Channels



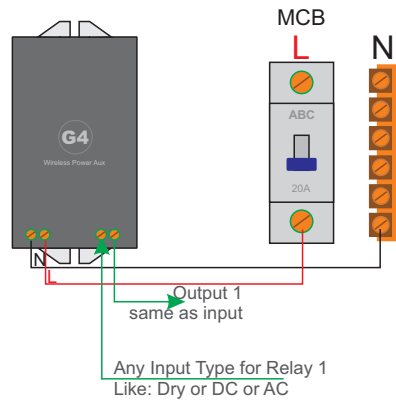
Pinout Cables connection Diagrams

Dimension:

Total unit size: L79XW48XH29mm

SSW-RLY1c32A-FL

Connection Diagram:

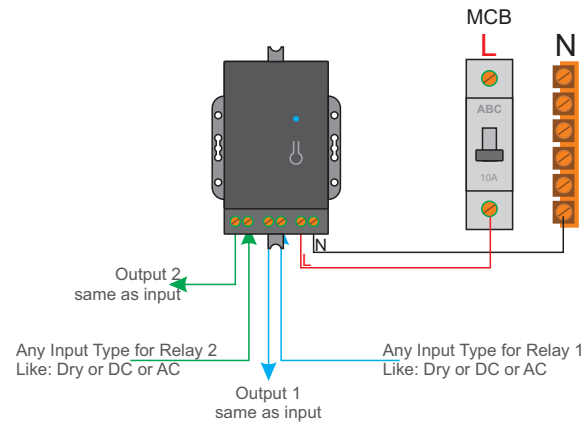


Dimension:

Main Housing size: L61XW37XH25mm
Total Size with Place holders: L72XW58XH25mm

SSW-RLY2c10A-FL

Connection Diagram:

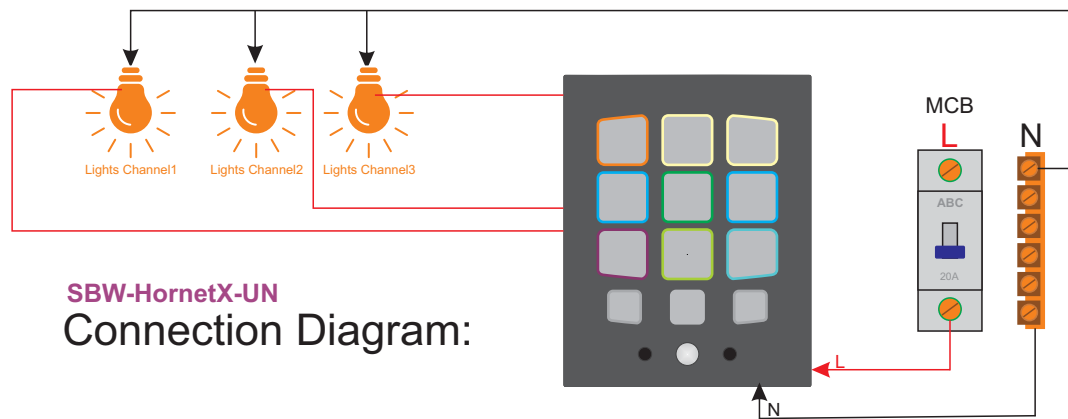
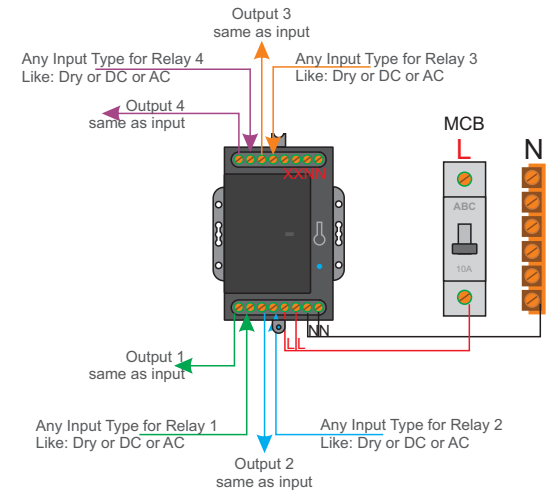


Dimension:

Main Housing size: L72.3XW51.5XH23mm
Total Size with Place holders: L83.5XW73XH23mm

SSW-RLY4c10A-FL

Connection Diagram:



SBW-HornetX-UN

Connection Diagram:



CUTTING EDGE

ELEGANT

AFFORDABLE

EXPANDABLE

SIMPLE

DURABLE

SMART

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