



SBW-HBS3-CL

The Ultimate Room True Occupancy Sensor

-It has multi sensor functions:

- *Heart Beat / Breathing Detector (True occupancy)
- *Humidity Sensor (Protect Furniture and health)
- *Temperature sensor (comfort and energy)
- *Infrared emitter (to control Air-con and TV)

-Easy to install fully Retrofit, RF transceiver ,

-Works direct AC Input:85-265VAC

-Completely wireless WIFI MESH

-Built-in Energy Logic



Applications:

In areas that require detection of human presence regardless of motion like in:

Bathroom/Toilet (in bathtub or toilet seat)

Bedroom (people sleeping)

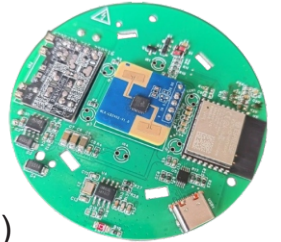
Living Room (might fall asleep)

Theater Room (people watching movie)

Wine cellar (to maintain humidity & temperature)

IT server rooms (to maintain humidity & temperature)

Cold stores (to maintain humidity & temperature & detect presence)...

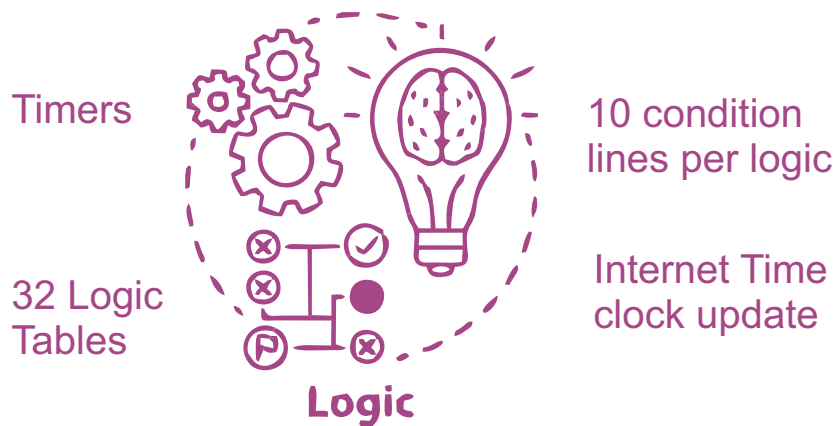


How does it work:

It works with both SBUS-G4 Products, and with HX-G4 products it sends commands to lights, media and HVAC to energy save in case no occupancy was detected.

also it sends commands to HVAC, and to RTU/ SMS Alerting in case of humidity or temperature set points were reached





The built in logic helps set conditions that works alone or together with other products triggers or status.

for example: if connected to a HX retrofit RF magnetic door/window contact then the logic shall assist in the following:

Once room door opens then closes, the logic starts checking true room and Toilet occupancy. If no presence detected, the logic sends command to HVAC to go to eco-preset then sends command to lights to switch-off and to relays and other to energy safe their connected devices accordingly.

Another example: if terrace door/window is left open for more than xx seconds then logic sends command to FCU to turn off. and if humidity increase reaching to level point 1 then logic triggers local humidity alert. then if humidity or heat reaches level point2 then logic sends Alert via SMS and other devices including Voice prompts



How to connect the HBS3 to S-BUS network

The HBS3 has built-in wifi that connects directly to the same network of the home or building automation where the RSIP3 or IPG wifi-bus is connected and is linking all S-BUS wired devices

How to connect HBS3 to RF 2-way slave devices

Each HBS3 can connect to 10 RF slave devices like: Relays, Magnetic contacts, PIR motion sensors, and Curtain or Drapery motors

Also it connects to WiFi Mesh as SBWireless device without limitation, with ability of mixing and expanding wired S-BUS devices and wireless retrofit & RF together.

