# Smart Building Hub Catalog Page

## Description

The Smart Building Hub provides a wireless, intuitive user interface optimized for mobile use. Screens like the **Circle of Comfort** and **Spaces**, provide at-a-glance status of a supported device. Menus, like the device menu, display critical alarms so that they can be selected and acted upon.

The Smart Building Hub user interface scales to the device you are using. On a computer screen or tablet, the main menus and screens are side by side. On a phone display, you see either the menu or the screens you selected from that menu, for example, the **TEC3000 Home Screen**. When you view the UI on a phone or smaller tablet, you can drag the screen from the left or right to display the menu or screens as desired.

The Smart Building Hub works with all controllers that have the Johnson Controls Smart Equipment technology. Refer to the *Verasys System Product Bulletin (LIT-12012342)* for products that interface with the Smart Building Hub.

**Smart Building Hub**



## Repair Parts

If the Smart Building Hub fails to operate within its specifications, replace the unit. For a replacement unit, contact the nearest representative. *(LIT-12012342)* for important product application information.

## Selection Charts

**Smart Building Hub**

| Code Number | Description |
|---|---|
| **LC-SBH200-x** | Smart Building Hub with Wi-Fi dongle |

**Accessories (order Separately)**

| Code Number | Description |
|---|---|
| **ACC-PWRKIT-1A24** | Verasys LC-SBH200-0 power supply for North America |
| **ACC-PWRKIT-1E24** | Verasys LC-SBH200-0 power supply for Europe |
| **ACC-WIFIKIT-0DU** | Verasys LC-SBH200-0 USB Wi-Fi adapter for North America and Europe |

## Technical Specifications

| Smart Building Hub (Part 1 of 2) | |
|---|---|
| **Power Consumption** | 38W maximum |
| **Ambient Temperature Conditions** | **Operating:** 0 to 50°C (32 to 122°F)<br>**Operating Survival:** -30 to 60°C (-22 to 140°F)<br>**Non-Operating:** -40 to 70°C (-40 to 158°F) |
| **Ambient Humidity Conditions** | **Storage:** 5 to 95% RH 30°C (86°F) maximum dew point conditions<br>**Operating:** 10-90% RH, 30°C (86°F) maximum dew point conditions |
| **Transmission Speeds** | **Serial Communication (SA/FC Bus):** 9600,19.2k, 67.8k, or 115.2k bps<br>**Ethernet Communication**: 10, 100 Mbps,1 Gbps |
| **Transmission Range (Typical)** | **Wireless Communication:**<br>30 m (100 ft) line-of-sight indoors<br>91 m (300 ft) line-of-sight outdoors |
| **Network and Serial Interfaces** | Two SA/FC ports (RJ12 6-pin port; connects with 1.5 m [4.9 ft] RJ-12 field bus cable, and one screw terminal plug, 4-pin). Three USB ports (one Micro-B port, and two USB A ports). All support USB 2.0 and Open Host Controller Interface [Open HCI] specification |
| **Dimensions (H x W x D)** | 190 x 125 x 44.5 mm (7.48 x 4.92 x 1.75 in) |
| **Housing** | White Polycarbonate and Acrylonitrile butadiene styrene (ABS) blend |
| **Weight** | .387kg (.852 lbs) |
| **Web Browser Requirements for Computers and Handheld Devices** | **Computer:**<br>Windows Internet Explorer® 10 and Windows Internet Explorer 11, or Google® Chrome™<br>**Handheld Device:**<br>The handheld device must be running either Internet Explorer Mobile for Windows® Mobile version 5 or version 6 operating system (OS); Android™ 4.0.3, 4.0.4, and 4.1+, or Google Chrome. Other web browsers may display the UI, but the functionality is not guaranteed. |

## Smart Building Hub Catalog Page (Continued)

| Smart Building Hub (Part 2 of 2) | |
|---|---|
| Compliance | **United States:** UL Listed File E107041, CCN PAZX, UL 916, Energy Management Equipment, FCC Compliant to CFR47, Part 15, Subpart B, Class A. |
| | **Canada:** UL listed file E107041, CCN PAZX7, CAN/CSA C22.2 No.205, Signal Equipment; Industry Canada Compliant. |