

Description

The Smart Building Hub provides a wireless, intuitive user interface optimized for mobile use. Screens, such as the **Circle of Comfort** and **Spaces**, provide at-a-glance status of a supported device. Menus, such as the **Device** menu, display critical alarms so that you can select them and act upon them.

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 you prefer.

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.

Figure 1: 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.

Selection charts

Table 1: Smart Building Hub

Code Number	Description
LC-SBH200-0	Smart Building Hub with Wi-Fi adapter
LC-SBH200-0S	Smart Building Hub with Wi-Fi adapter and power supply
LC-SBH200-0E	Smart Building Hub with a three-year subscription to Verasys Enterprise
LC-SBH200-0LA	Smart Building Hub for Latin America

Table 2: SBH200 Accessories

Code Number	Description	Shipped with
ACC-PWRKIT-1A24	Verasys LC-SBH200-0 power supply for North America	LC-SBH200-0S
AC-PWRKIT-1D24		LC-SBH200-0E
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	LC-SBH200-0
		LC-SBH200-0S
		LC-SBH200-0E

Table 3: Supported third-party USB Wi-Fi adapters for SBH

Manufacturer	Model Name
D-LINK®	DWA-131 E
D-LINK	DWA-171 A
D-LINK	DWA-171 C
NETGEAR®	A6100
TP-LINK®	Archer
PREMIERTEK®	PT-8811AU

Technical specifications

Table 4: SBH200 technical specifications

Specification	Description
Power consumption	38 W maximum
Ambient temperature conditions	Operating: 0°C to 50°C (32°F to 122°F) Operating survival: -30°C to 60°C (-22°F to 140°F) Non-operating: -40°C to 70°C (-40°F to 158°F)
Ambient humidity conditions	Storage: 5% to 95% RH 30°C (86°F) maximum dew point conditions Operating: 10% to 90% RH, 30°C (86°F) maximum dew point conditions
Transmission speeds	Serial communication (SA/FC bus): 9600 bps, 19.2 kbps, 67.8 kbps, or 115.2 kbps Ethernet communication: 10 Mbps, 100 Mbps, 1 Gbps
Transmission range (typical)	Wireless communication: 30 m (100 ft) line-of-sight indoors, 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 mm x 125 mm x 44.5 mm (7.48 in. x 4.92 in. 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: Microsoft® Edge® 17 and Windows® Internet Explorer® 11, or Google® Chrome™ Handheld device: Google Chrome for Android™, or Apple Safari®. Other web browsers may display the UI, but the functionality is not guaranteed.
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.
CE	Europe: CE Mark - Johnson Controls declares that this product is in compliance with the essential requirements and other relevant provisions of the EMC Directive.
	Australia and New Zealand: RCM Mark, Australia/NZ Emissions Compliant.

Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

Software terms

Use of the software that is in (or constitutes) this product, or access to the cloud, or hosted services applicable to this product, if any, is subject to applicable terms set forth at www.johnsoncontrols.com/techterms. Your use of this product constitutes an agreement to such terms.

Patents

Patents: <http://jcipat.com>

Single point of contact

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