



Hubbell Building Automation Unleashes the wiHUBB™ Wireless Distributed Lighting Control System

August 2011 – Austin, TX – Hubbell Building Automation, an industry leader in the development of cutting edge energy saving lighting control products and solutions announces the general availability of the wiHUBB™ Wireless Distributed Lighting Control System.



“As the cost of energy continues to escalate, the value of indoor and outdoor lighting solutions which capitalize on both energy efficient lighting technologies and aggressive energy saving control strategies, continues to grow”, said Tom Braz, Vice President and General Manager, Hubbell Building Automation, Inc. “The use of wireless technology is one of the most exciting frontiers in lighting control, offering significant benefits over traditional wired solutions for both existing buildings and new construction. Hubbell Building Automation’s wiHUBB™ Wireless Distributed Lighting Control System is a secure peer-to-peer, self organizing and self healing mesh network of smart packs, occupancy sensors, daylight harvesting sensors, switch stations and fixture modules designed specifically for indoor and outdoor lighting applications”.

The wiHUBB system utilizes SNAP (Synapse Network Appliance Protocol) to create the peer-to-peer, self organizing and self healing mesh network. These features provide for a virtually unlimited network size, reliable message delivery and do not require a network coordinator which can be a single point of failure. All wireless devices communicate on the robust and reliable 900MHz ISM band. In comparison to wireless networks that use 2.4GHz devices, 900MHz devices have a longer signal range and are least affected by propagation losses and physical obstructions.

All messages within the wiHUBB network are secure. When transmitting over the air, the system uses 128-bit Advanced Encryption Standard (AES-128) security – the same encryption technology utilized by the US government to secure data transmissions. The wiHUBB system also uses the secure HTTPS/SSL protocol when users access the wiHUBB network using their Internet browser.

The wiHUBB Smart Packs provide On/Off, High/Low and 0-10VDC full range dimming control for all lighting loads. The Smart Packs also feature wiHUBB SmartPORTs for plug and play support of wiHUBB occupancy sensors, daylight sensors and manual control switch stations. When devices are plugged into the SmartPORTs, the Smart Pack automatically and intelligently responds to the plugged in devices to provide the most energy efficient operation.

The wiHUBB system also includes fixture modules suitable for both indoor and outdoor fixtures. Similar to the Smart Pack, the In-Fixture Modules provide On/Off, High/Low and 0-10VDC full range dimming control for all lighting loads – including LED drivers. The wiHUBB On-Fixture Module is the perfect solution for adding wireless On/Off and daylight harvesting control to outdoor fixtures that have a standard twist lock photo-sensor receptacle.

Access the wiHUBB system from anywhere at any time with the wiHUBB Access Point – a user friendly web-based device used for commissioning, managing and monitoring the wiHUBB devices. Now your iPad, smart phone or any device with a standard Internet browser can be lighting control central – no special client side PC software required. The intuitive and easy to use Graphical User Interface (GUI) also provides users the ability to schedule and control individual wiHUBB devices or groups of devices.

About Hubbell Building Automation

Hubbell Building Automation, Inc., headquartered in Austin, TX is a subsidiary of Hubbell Incorporated (A Delaware Corporation). Hubbell Building Automation draws on over 30 years of lighting control experience. As the leading developer of groundbreaking technologies in lighting control panels, HID and fluorescent high bay controls as well as occupancy sensors, Hubbell Building Automation manufactures a complete suite of energy saving lighting control solutions. For further information about Hubbell Building Automation, please visit our web site at www.hubbell-automation.com or contact us directly at {888} 698-3242, {512} 450-1100, or Fax {512} 450-1215.

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