

Daintree Quick Product Guide

Wireless Area Controller (WAC-60)

Using open and interoperable ZigBee standards-based technology, the Daintree WAC communicates with standards-compliant sensors, switches, ballasts and LED drivers to transform basic room controls into a complete mesh wireless control solution. A WAC can independently control a single extended area, and multiple WACs can be connected together through an Ethernet network to scale the system to many hundreds or thousands of lights across a distributed enterprise or multiple sites.

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT006-GE-Wireless-Area-Controller-Spec-Sheet.pdf

Wireless Area Controller WAC-60



WAC-60: up to 150 nodes

Wireless Fixture Adapter (WFA100-SN)

The WFA100-SN is a cost-effective wireless control solution for wired occupancy sensors and photo sensors, providing ON/OFF and 0-10V dimming control of ballasts and LED drivers. The isolated relay offers N/O and N/C contacts providing robust switching options to control a variety of lighting loads.

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT004-GE-Wireless-Adapter-Spec-Sheet.pdf

Wireless Fixture Adapter WFA100-SN

For one fixture (granular)



Wireless Adapter (WA100-PM)

The WA100-PM includes a 15A relay to switch ballasts/drivers and circuits, and provides 0-10V output to control one or more dimmable ballasts/drivers. It can also adapt low voltage occupancy sensors, photosensors, and wall switches/dimmers, enabling these devices to communicate wirelessly with the rest of the system. The WA100-PM provides added versatility with support for bi-level and alternate switching ballast configurations, as well as the ability to control an auxiliary relay or slave pack.

<https://products.currentbyge.com/sites/products.currentbyge.com/files/2017-11/DT016-GE-Wireless-Adapter-Spec-Sheet.pdf>

Wireless Adapter WA100-PM



For up to 10 fixtures

Wireless General Purpose Adapter – (WGA100)

The WGA100 provides on/off switching and 0/10V analog control as well as reporting and monitoring capability of binary and 0/10V analog signal inputs for a variety of building applications. Binary outputs can be used to wirelessly control devices such as pumps, motors and contactors; analog output can be used to wirelessly control the variable speed of a fan or to report the current temperature in real time.

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT007-GE-Wireless-General-Purpose-Adapter-Spec-Sheet.pdf

Wireless General Purpose Adapter WGA100



Can control devices other than lighting



Daintree Quick Product Guide continued

Wireless Occupancy Sensor, Ceiling Mount (WOS2-CM) or Wall Mount (WOS2-WM), Recess Mount (WOS2-RM)

The WOS2 is a battery-powered occupancy sensor utilizing passive infrared (PIR) sensing technology to detect movement. The sensor's off-delay timer is user-configurable from any location using the ControlScope Manager (CSM) web application, eliminating the need for on-site, manual sensor adjustment. Installation is quick and easy without the need for any wires or plenum access.

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT008-GE-Wireless-Occupancy-Sensor-Ceiling-Mount-Spec-Sheet.pdf

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT010-GE-Wireless-Occupancy-Sensor-Wall-Mount-Spec-Sheet.pdf

https://products.currentbyge.com/sites/products.currentbyge.com/files/document_file/DT017-GE-Wireless-Occupancy-Sensor-Recess-Mount.pdf

Wireless Occupancy Sensors WOS2-CM WOS2-W, WOS2-RM



Ceiling Mount, Wall Mount, Recess Mount
Low bay (12 ft.)

Wireless Photosensor (WPS1)

The WPS1 is a battery-powered photosensor that is used to monitor and measure task or ambient light levels. Designed to work with ControlScope's closed loop daylight harvesting solution, the WPS1 enables automatic and continuous adjustment of electric light levels to user-defined setpoints. Installation is also quick and easy without the need for any wires or plenum access.

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT009-GE-Wireless-photo-Sensor-Spec-Sheet.pdf

Wireless Photosensor WPS1



Wireless Sensor (WHS 100)

The WHS100 provides ON/OFF and 0-10V dimming control of ballasts and LED driver functionality. Its familiar form factor enables a simple installation through a standard ½" knockout, making it an extremely versatile solution for a wide range of fixture types including high bay, mid-bay, and low-bay luminaires for industrial and warehouse facilities. **Base mount or side mount options available.**

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT015-GE-Wireless-High-Bay-Sensor-Spec-Sheet.pdf

Wireless Sensor WHS 100



Occupancy sensor hi bay
up to 40 ft.

Wireless Wall Dimmer (WWD1)

The WWD1 is a battery-powered device that can replace a standard wall switch or dimmer. Using open, standards based ZigBee wireless communications, this dimmer can be used to turn one or more lights on or off, as well as dim or brighten lights to their desired intensity. Installation is also quick and easy without the need for any wires, plenum access or wall cavity,

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT012-GE-Wireless-Wall-Dimmer-Spec-Sheet.pdf

Wireless Wall Dimmer WWD1



Daintree Quick Product Guide continued

Wireless Sensor Adapter WSA10

The WSA10 provides up to four (4) thermistor temperature Sensor inputs, and up to two (2) 0-10 analog inputs suitable for a broad range of transducers, enabling wireless control and management of wired end-devices within the ControlScope system.

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT011-GE-Wireless-Sensor-Adapter-Spec-Sheet.pdf

Wireless Sensor Adapter WSA10



Temperature sensors,
data logging

Wireless Thermostat WTS10

The WTS10 is a wireless commercial programmable thermostat that can connect to any single or multi-stage conventional or heat pump HVAC system, providing automatic temperature control.

It is typically used in buildings under 50,000 square feet or in use with single zone packaged rooftop unit. WTS has remote thermostat configuration and scheduling with built-in temperature sensor or wireless remote temperature sensor capabilities.

https://products.currentbyge.com/sites/products.currentbyge.com/files/document_file/DT000-GE-Wireless-Thermostat-Spec-Sheet.pdf

Wireless Thermostat WTS10



Wireless Wall Switch 3-Button

The WWS3 is a battery- powered device that takes the place of a standard wall switch. Using open, standards based ZigBee wireless communications, this switch can be used to turn one or more lights on, off, or half brightness.

https://products.currentbyge.com/sites/products.currentbyge.com/files/documents/document_file/DT013-GE-Wireless-Wall-Switch-3Button-Spec-Sheet.pdf

Wireless Wall Switch 3-Button

