

Wireless Lighting Control Solutions



DIALOG®

Bluetooth®

DOUGLAS
LIGHTING CONTROLS

Our Wireless Control Solutions

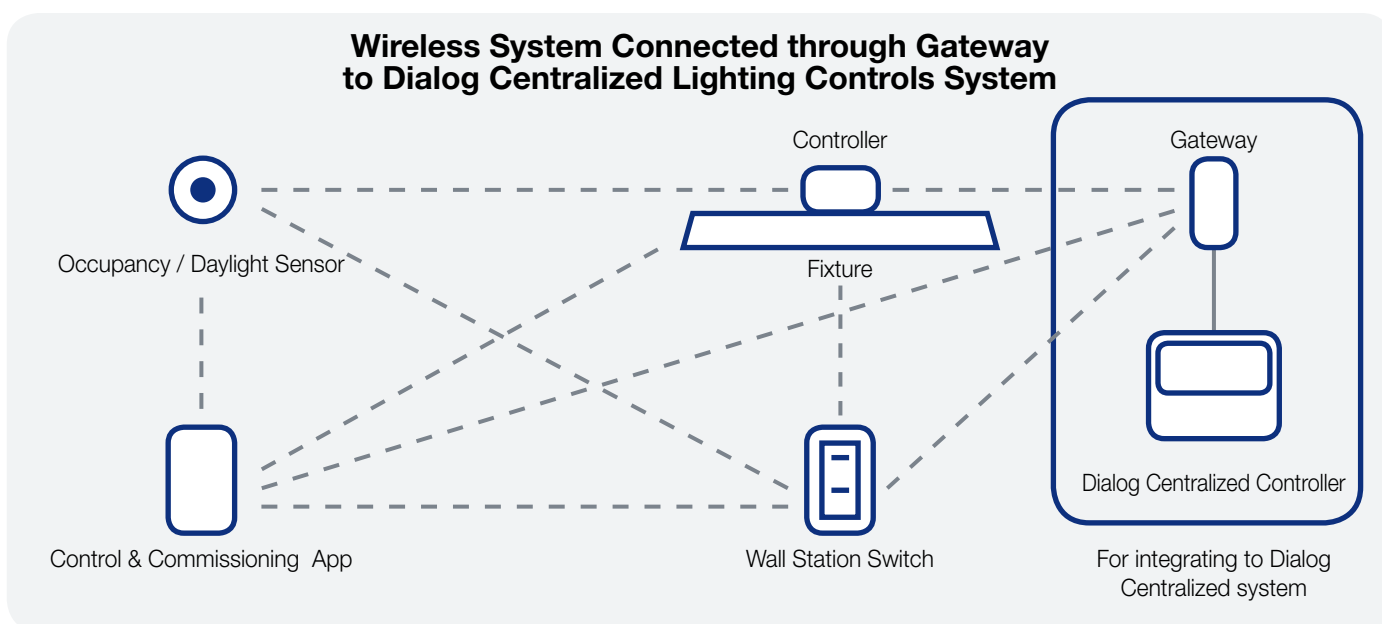
Commercial Grade Lighting Control Systems Just Got Better

Douglas Lighting Controls offers a complete stand-alone wireless system to control lights in a variety of applications. Our system includes wireless fixture controllers, switches, and occupancy/daylight sensors all using **Bluetooth®** wireless technology. In addition to the system devices we also offer a fixture mounted controller and sensor with Bluetooth technology providing wireless communication and occupancy/daylight control in one device.

Each Bluetooth enabled device is its own wireless node for sending, receiving and sharing control commands through a wireless mesh network. Expandability is easy with each device passing information to the next thus expanding the reach and control throughout the network. A Gateway device is available for connectivity into Douglas Lighting Controls Dialog centralized system.

Architecture – Wireless Mesh

Easy to Install, Connect, Configure, and Control



Simplicity

- Bluetooth wireless mesh technology provides reliability, redundancy, and easy expandability
- Devices communicate over a secure Bluetooth wireless network
- Smartphones with Bluetooth capability can commission and control lights with complimentary Douglas Lighting Controls App
- Network devices or onsite internet not required
- Devices are line powered for long term reliability and increased functionality

Devices



Douglas Lighting Controls Bluetooth® Controller

- Converts fixtures into wirelessly controlled luminaires
- Provides individual or multi-fixture control
- ON/OFF (relay) and 0-10v dimming control of the fixture(s) through a Douglas Lighting Controls Bluetooth Switch or App
- Adding the Douglas Lighting Controls Bluetooth Sensor provides occupancy control and daylight harvesting functionality



Douglas Lighting Controls Bluetooth® Switches

- Fingertip control over lights in defined spaces
- 4-button, 8-button and dimmer and 1-button switch
- 120/277VAC or 347VAC models
- Faceplates sold separately



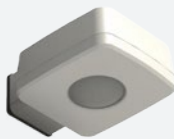
Douglas Lighting Controls Bluetooth® Sensor

- Dual Technology (PIR and Bluetooth beacon) occupancy sensor
- Daylight sensor
- Micro-sized (1" lens) with 9' coverage radius on 9' ceiling
- Easily installed into soft ceiling tiles by using the innovative cutting head thus eliminating the need for tools



Douglas Lighting Controls Commissioning & Control App

- For Bluetooth enabled iOS Smartphone or iPod Touch
- Commissioning: Light levels, zones, pre-sets, time-out
- Control: Dimming, ON/OFF, pre-sets



Douglas Lighting Controls Bluetooth® Fixture Controller & Sensor

- Provides automated individual and group control of light fixtures
- Occupancy (PIR) and daylight sensor
- ON/OFF/0-10V dimming
- Bi-level light functionality
- 40' coverage radius on 40' ceiling
- Powered by the fixture



Douglas Lighting Controls Bluetooth® Gateway

- Sends and receives commands between wireless system and Dialog centralized controller
- Part of the Dialog 2-wire (18/2) network

With Wireless Controls...

Increase Energy Savings

The addition of controls to a lighting system reduces your energy costs by providing the right amount of light when needed and turning off lights when appropriate either through schedules, commands or occupancy triggers. With the inclusion of wireless controls, Douglas Lighting Controls systems continue to provide reliability, security and advance functionality, as well as energy savings, to meet the needs of facility operators.

Save on Installation

Avoid running and connecting hardwired network communication to control devices to save time and money. Our system of devices each acts as a node to respond to commands or to pass on information across the network.

Meet the Needs of More Projects

New or renovated buildings are using lighting controls to reduce energy consumption. When adding controls into different areas of a buildings, running networked lighting control wires is not always feasible. Wireless controls provide a solution for adding lighting controls into these areas while providing a faster, easier, and cost effective installation and commissioning experience.

Make Commissioning Easier

The Plug 'N Control™ wireless lighting systems do make commissioning easier. Plug in the devices, power them up and you have a functioning system. No addressing or networking set up needed. Then use our smartphone App to recognize fixtures and configure them for your precise needs.



Offering project-specific centralized systems, standardized systems, decentralized stand-alone systems, and now wireless solutions, Douglas Lighting Controls continues to be the lighting controls company for a wide variety of projects. Contact your local Douglas Lighting Controls representative for detailed information on our lighting control solutions



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