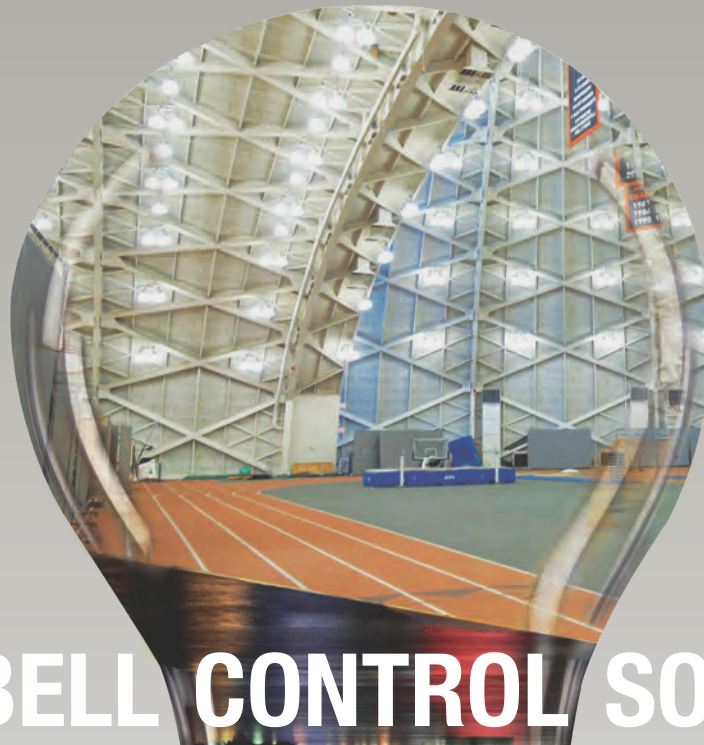




HUBBELL
Control Solutions



HUBBELL CONTROL SOLUTIONS

OVERVIEW



INNOVATIVE. INTEGRATED. SIMPLE.

HUBBELL[®]
Lighting

ABOUT US

Energy-Saving Lighting Controls

Hubbell Control Solutions is a strong proponent of innovative, integrated energy-saving lighting controls. Our advanced wired and wireless distributed intelligent lighting controls provide a complete suite of energy-saving solutions. We offer the most comprehensive line of occupancy & vacancy sensors on the market. HCS products provide a simple way for you to meet the latest energy efficiency codes and standards. All our products come with a five-year limited warranty.

Technology & Quality are our Heritage

In 1896, Harvey Hubbell invented the world's very first lighting control device--the pull chain switch. Over a century later, the company that bears his name continues his legacy of innovation. From the industry's first self-adaptive occupancy sensor to today's advanced wired and wireless distributed intelligent lighting controls, we continue to set the standard for applying technology to the business of controlling light and saving energy. Future-proof smart devices and systems make for easy "install and forget" operation.

Energy-Saving Solutions

Let us help you get control of your energy costs. Our solutions provide a range of energy-saving strategies and technologies. Stand-alone fixture controls or networked options fit any need. Our solutions integrate with other building disciplines such as HVAC, Security as well as others. Find optimal control for your lighting application here--simple occupancy sensing, daylight harvesting or time-based scheduling.

Money-Saving Convenience

With our lighting control solutions, you will never have to think about turning out the lights again. Rest assured that with our solutions, the lights will be on when required and off when not required. Wireless controls allow for individual fixture control without needing to know how the circuit is wired or having to pull more wires to each fixture location. You get convenience, energy savings and peace of mind.



PRODUCTS & SOLUTIONS

DISTRIBUTED LIGHTING CONTROLS

NX™ DISTRIBUTED INTELLIGENCE



The NX Networked Lighting Control system offers a simple, affordable way to **1)** meet energy codes and **2)** provide intuitive, energy-saving lighting control. The intelligence is embedded in individual room controllers, creating a simple yet scalable architecture. Set up a stand-alone space using one or more room controllers as a zone, which can network with other zones into large areas. You have total control over every point from a single room to an entire campus.

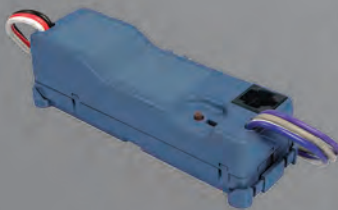
NX components self configure. Simply plug wall switches, occupancy sensors and daylight sensors into a room controller and they operate code-compliant. It's that simple! Get greater "from the ground" convenience and control with the optional Bluetooth® radio and free smart phone app. All features that add up to efficient, trouble-free installation.

APPLICATIONS

Classrooms
Personal Offices
Open Offices Spaces
Conference Rooms
Libraries
Cafeterias
Reception Areas

- Compact housing provides up to two relays and two dimming channels
- Digital SmartPORT™ technology for auto-configuring switches and sensors
- Connect up to 8 NX Room Controllers for a total of 16 loads
- eCAT5 cabling simplifies installation, eliminates wiring errors
- Push-buttons and LEDs aid installation and troubleshooting
- Installs in the plenum, eliminating home run wiring

NX™ FIXTURE CONTROLLER



Our exciting new Fixture Controller concept allows you to deploy only what you need to maximize savings. For indoor or outdoor luminaires, it provides advanced stand-alone or networked lighting control for a wide variety of applications--wired or wirelessly, and at lower cost than other systems. This is the holy grail of lighting control, it does just what you need or everything you want! Bluetooth enabled for "from the ground" commissioning and control. Auto-configures when connected to a NX network.

- On/Off Switching and full range 0-10V dimming
- Available current sensor for monitoring energy consumption and fixture temperature
- Built-in astronomical time clock
- Universal input voltage--control 120-347V fixtures (plus 480V for outdoors)
- Plug and play SmartPORT integration with photocells and motion sensors

APPLICATIONS

Education Facilities
Retail
Manufacturing and Warehouse
Parking Lots
Parking Garages

WIRELESS LIGHTING CONTROLS

wiSCAPE™

WIRELESS OUTDOOR LIGHTING CONTROLS



- Motion and Photo Sensor Input
- Dimming and Switching
- Dry Contact Interface
- Standard or Astronomical Time Clock Control
- Lightsource-agnostic
- Alarm Notifications with GPS Location of Fixtures

APPLICATIONS

Parking Garages
Parking Lots
Business Parks
Amusement Parks
Education Campuses
"At Risk" or Limited Accessibility Locations
Street Lighting

Easily manage, monitor, and meter individual fixtures or groups of fixtures over-the-air. The wiSCAPE system is scalable for any outdoor lighting need, from two modules in an alleyway to a hundred modules across a university campus to thousands of modules in multiple sites across a city.

Each wiSCAPE module features its own logic processor. Build a network without ever having to use a router or a central cabinet. wiSCAPE control installations are non-invasive and non-disruptive. No control wiring is required for configuring. The web interface allows users to access the system from desktop or laptop.

wiSTAR



APPLICATIONS

Office Buildings
Hotels
Residential Buildings
Hospitals
Retail Buildings
Schools
Industrial Buildings
Historical Buildings

No Batteries, No Wires, No Worries.

wiSTAR controls are self-powered and wireless, designed for stand-alone, indoor applications. From retrofitting older structures to Zero-Energy building design, this is your easiest way to ensure flexibility, energy savings, and cost reductions for almost any space.

wiSTAR devices harvest energy from their surroundings – tiny changes in movement or light are all that is needed to power a signal to operate lights. All switches, occupancy sensors and daylight sensors utilize the EnOcean Technology Platform.

Because wiSTAR devices require no wires to operate, devices can be freely positioned making for versatile layouts. Compared to a wired solutions, this provides greater flexibility at a lower cost. Ideal for adding lighting controls to areas that have traditionally been difficult to retrofit, including historical buildings.

OCCUPANCY SENSORS

HCS provides the most comprehensive line of Occupancy/Vacancy Sensor products on the market. They save energy and provide sustainability, plus help you meet the latest codes and standards, including ASHRAE 90.1 and Title 24. They can provide LEED® points in categories like Sustainable Sites, Energy and Atmosphere, Indoor Environmental Quality and Innovative Design Process.

HCS sets the standard in occupancy and vacancy sensing with the invention of both leakage to ground and self-adaptive IntelliDAPT® sensor technologies. We provide "install and forget" simplicity. HCS offers leading-edge sensor design with Infrared, Ultrasonic and Dual Tech sensors for any application, including high bay mounting. Five year warranty.



For High Mount and Outdoor Use

- On/Off and Dimming models
- Passive Infrared (PIR) motion detection technology
- Manual-ON (Vacancy) or Automatic-ON (Occupancy)
- Built-in photo sensor for automatic daylight harvesting
- Versatile lens options for broad coverage areas
- Weatherproof design is ideal for cold, humid, wet or dusty environments
- For indoor or outdoor applications



Intelligent Wall Switch Sensors

- Ultrasonic (US) and Passive Infrared (PIR) motion detection for precise control in small to medium spaces
- Manual-ON (Vacancy) or Automatic-ON (Occupancy)
- Smart IntelliDAPT Technology eliminates false triggers
- Built-in photo sensor for automatic daylight harvesting
- 400 - 1,000 square-foot coverage area, depending on model
- Fits standard decorator wall plate
- Single or Dual relay



Intelligent Ceiling Mount Sensors

- Ultrasonic (US) and Passive Infrared (PIR) motion detection for medium to large spaces
- Use on ceilings up to 12' high
- Smart IntelliDAPT Technology eliminates false triggers
- 500 - 2,000 square-foot coverage area, depending on model
- Link up to four sensors for group control of large spaces
- Optional relay and photocell control



Intelligent Large Space Sensor For Wall or Ceiling Mount

- Ultrasonic (US) and Passive Infrared (PIR) motion detection
- For spaces with higher ceilings: cafeterias, auditoriums, warehouses
- Smart IntelliDAPT Technology eliminates false trigger
- 1,600 square-foot coverage area, depending on model
- Optional relay and photocell control

LIGHTING CONTROL PANELS



CX Commercial Lighting Control Panels

Save Time—Lower Cost—Save Energy—Increase Control

CX Series panels are self-contained lighting control systems that provide feature-rich and cost-effective control for maximum energy savings. Designed to cost less than expensive traditional lighting control systems while offering more options than a conventional time clock and contactors. The LCD User interface utilizes simple scrolling menus. Pre-Programmed Scenarios make for quick commissioning.

The CX series offers maximum flexibility for small to medium commercial projects such as gas stations, convenience stores, general retail and schools.

Product Features:

- Manual or scheduled switching and dimming
- 4 to 48 lighting loads
- Built-in astronomical time clock
- Auxiliary Inputs for multiple device control of a single relay or group Dry contact interface
- Self-identifying 1 pole and 2 pole relays fit in the same sized spaces
- Full-range dimming card includes pre-set dimming levels
- Dimming card operates with 0-10V dimming LED drivers or Fluorescent ballasts
- Multiple low voltage inputs from switches, motion sensors and photocells
- Meets energy codes
- Provides Reliability



HUBBELL
Lighting

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Hubbell Lighting Brands:

Alera Lighting
Architectural Area Lighting
Beacon Products
Columbia Lighting
Compass Life Safety
Devine Lighting
Dual-Lite
Hubbell Control Solutions
Hubbell Industrial
Hubbell Outdoor
Kim Lighting
Kurt Versen
Litecontrol
Precision-Paragon [P2]
Prescolite
Progress Lighting
Security Lighting Systems
Spaulding Lighting
Sportsliter Solutions
Sternier
Thomas Research Products
Whiteway

Hubbell Control Solutions
Lighting Control Product Lines:

Distributed Intelligent Lighting Controls

NX™ Networked lighting controls

Wireless Lighting Controls

wiHUBB® Distributed lighting controls
wiSCAPE™ Outdoor lighting controls
wiSTAR™ Self-powered lighting controls

Daylight Harvesting Controls

Zone 5™ Daylighting controls
LuxStat Simple daylighting control

Lighting Control Panels

CX Commercial Lighting Controls
LX Networked Lighting Controls

Occupancy/Vacancy Sensors

LightHAWK®2 Wall switch sensor
LightOWL® Wall-mount occupancy sensor
OMNI® Ceiling-mount occupancy sensor
WASP™2 High-mount occupancy sensor
Dimming WASP™ Indoor/outdoor sensor

Hubbell, A Name You Can Trust

Hubbell Control Solutions is a strong proponent of innovative, integrated energy-saving lighting controls. From introducing the industry's first self-adaptive occupancy sensor to today's advanced wired and wireless distributed intelligence lighting controls, the company continues to offer the most comprehensive line of occupancy sensors on the market. Other products include daylight harvesting and high bay controls.

The brand is part of Hubbell Lighting, one of the largest lighting manufacturers in North America. Hubbell Lighting brands offer products for commercial, industrial and residential markets. The company's history of innovation extends back to 1886 and Harvey Hubbell's invention of the very first lighting control device—the pull chain switch.



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