

Lynxus Zigbee Wireless Controls

Lynxus



A well-designed wirelessly controlled lighting system will achieve energy savings while maintaining lighting quality and without compromising user comfort or safety.

The Lynxus Wireless Controls system manages and automates the light levels in a room, warehouse or entire building under set conditions and users can have control over their own lighting to provide optimal working settings. Occupancy/microwave motion sensors detect when the space is being used to turn lights on or off automatically. Daylight harvesting uses photosensors to detect levels of natural light and automatically dims lights when they are not required, thereby providing consistent lighting levels as well as reducing energy usage.

Using wireless controls significantly reduces the costs and complexity of conventional wired systems. They eliminate the need for dedicated control wiring and allow controls to be placed wherever they are needed. Furthermore, adding more sensors, switches and luminaires in the future requires minimal labour and disruption, being simply added to the existing control system without the need for new control infrastructure, again significantly reducing installation costs.

Lynxus controls use the open wireless protocol, ZigBee, allowing the system to work seamlessly not only with devices which use the same protocol, but also to integrate with the control systems of other solution providers which are designed to work with ZigBee.

Adding a Lynxus ZigBee Luminaire Interface to an existing single luminaire, or group of up to 8 luminaires that have dimmable drivers, enables wireless control of that luminaire. Through these communication modules, the luminaires communicate wirelessly with the Lynxus Wireless Area Controller, which can control up to 80 luminaires.

The Area Controller can receive its instructions from different sources: a switch, which has simple on/off and dimming control; a microwave motion sensor to give automatic presence detection; or a daylight harvesting sensor to control the light levels according to the ambient light: or pre-set schedule from the app.

Commissioning is available with remote commissioning support or 1-day on-site commissioning support.

Universal Lynxus Factory Pre Configuration-1Day

NET-48-16-04

Universal Lynxus On Site Configuration-1Day

NET-48-16-06