



Red5 EDGE-LIGHT-RELAY

Delta Controls' Next Generation Centralized Lighting Platform

The Red5-EDGE-LIGHT-RELAY is a fully programmable, native BACnet lighting controller that forms the core of the Red5 lighting ecosystem. Designed to power and control PR-12 relay modules, Red5 I/O modules, gateway modules, and O3-HUB devices, it delivers a modern, scalable, and BAS-integrated approach to lighting control. With modular connectivity, dual Ethernet ports, and advanced diagnostic capabilities, the Red5-EDGE-LIGHT-RELAY provides the foundation for flexible lighting architectures in both retrofit and new construction environments.

A powerful, programmable BACnet lighting controller that delivers flexible, scalable, and fully integrated smart lighting control across your facility.



Key Features

Fully Programmable BAS Lighting Controller

Reuse Legacy Twisted Pair wiring to achieve Ethernet-level speed and reliability—no rip-and-replace required.

High-Performance Networking & Communication

Delivers BACnet/IP, BACnet/SC, BACnet MS/TP, and LINKnet support with dual Ethernet ports for network flexibility and secure system integration.

Modular, Scalable Lighting Architecture

Supports up to 4 local modules and 12 remote modules—or up to 8 O3-HUB devices—for easy expansion and adaptable lighting system design.

Built-In Diagnostics & Network Visibility

Provides advanced fault detection, onboard LED indicators, and remote firmware/database management to simplify commissioning and ongoing maintenance.