

Project

Part Number

Ref.



Open standards-based lighting control delivered as a unified solution through the building automation system.

M is a highly distributed native BACnet control platform that maximizes energy efficiency, productivity, and occupant comfort. M3 provides scalability and flexibility of application, I/O, and packaging for all project types. Solutions are supported by our free Essentials Tools. Solutions scale from control of a single room to an entire campus. M3 is designed to leverage the network infrastructure, programming and user interface of your preferred building automation system delivering superior interoperability.

Features

Communication

BACnet, CANbus, DMX 512

Code Compliance

CEC Title 24, IECC 2015, ASHRAE 90.1, LEED

Certifications

BTL, UL916, UL924, 2012 ICC-ES AC 156

Compatibility

Full Support Aperio Product Line

Warranty

Relays: 10-Years, General: 5-Years

Solutions

Control Panels (CP): Designed to distribute control in the amount and location that your application requires for both new and existing buildings. CP scales from one to thirty-two I/O modules, supports standalone control and I/O expansion with our Satellite solutions. CP includes ordering options for UL924 Emergency Lighting and UL508A custom applications.

Satellite Panels (SP): Expands, extends, and distributes I/O beyond the CP to minimize wiring costs. SP includes ordering options for UL924 Emergency Lighting and UL508A custom applications.

Zone Control (ZC): Provides highly distributed compact I/O for standalone control applications in rooms and area zones. ZC supports I/O expansion with our SC solutions and includes ordering options for UL924 Emergency Lighting.

Satellite Control (SC): Expands, extends, and distributes I/O beyond the ZC. SC includes ordering options for UL924 Emergency Lighting.

Retrofit Interiors (RI): Replace existing relay panel electronics and relays with a single back plate mounted assembly. RI retains the original line voltage wire, conduit, and enclosure reducing labor as well as material cost.

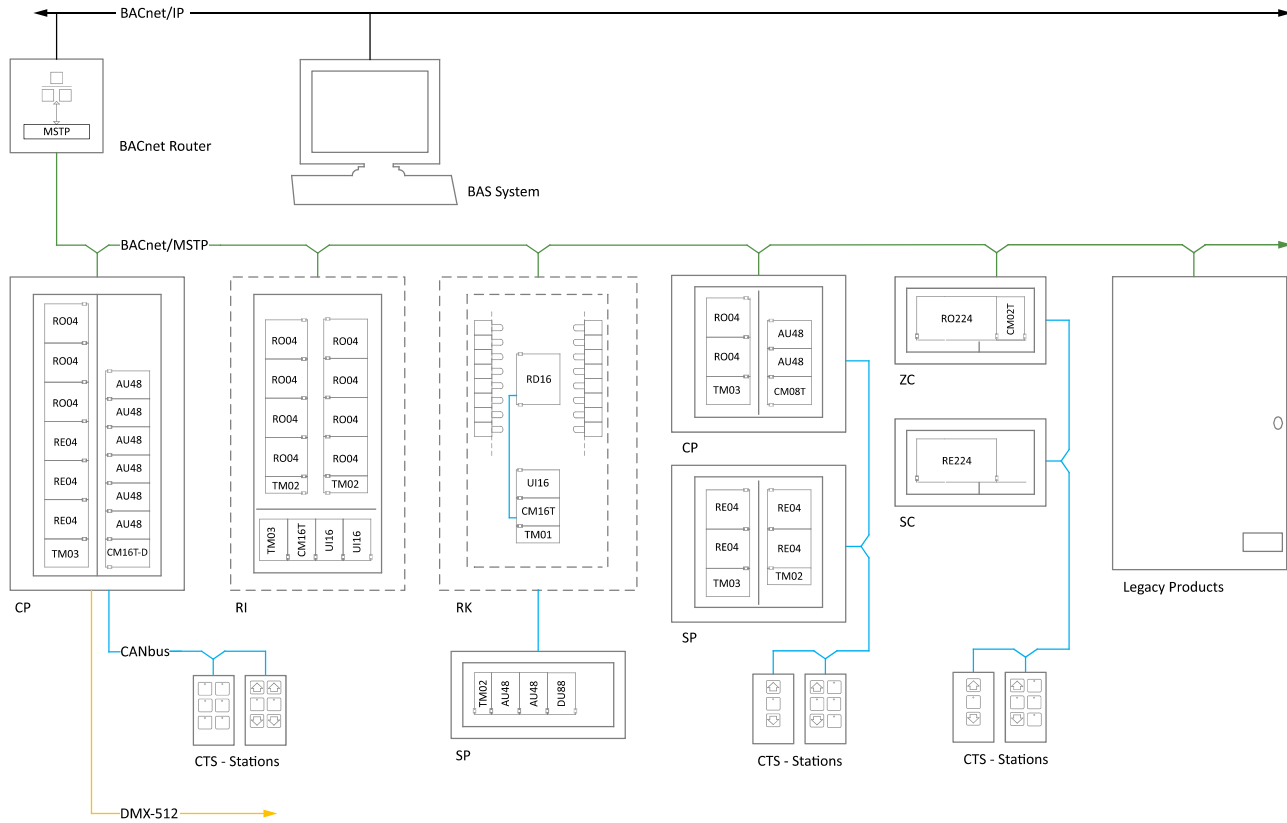
Retrofit Kits (RK): Replace the electronics of existing lighting control panels and facilitate unification with the building automation system. RK features a universal relay driver module for control of common 2-wire, 3-wire, or 5-wire relays.

Control Kits (CK): Expand and extend your system by employing our convenient collections of pluggable I/O and termination modules.

Capacitive Touch Stations (CTS): Provides the occupant a local interface for on/off, dimming, and preset applications physically or virtually. CTS are highly configurable, eliminate home run wiring, and utilize capacitive touch technology. CTS are available in multiple button arrangements and colors.

Sensors: We offer an extensive line of Occupancy and Light Level sensing solutions that utilize our universal inputs maximizing choice of sensor and eliminating the high risk of being locked into proprietary devices.

Architecture



Applications

- Time Switch
- Manual On/Off
- Continuous Dimming
- Step Dimming
- Lumen Maintenance
- Automatic Daylighting, Open and Closed Loop
- Automatic Demand Response
- Shutoff Controls, Vacancy, Partial On, and Early Off
- Color Tuning and Sequencing
- Initial Default Configuration

- Scheduling
- BACnet Time Sync
- Occupancy Based Temperature Strategies
- Occupant Interface Via Virtual Stations
- Remotely Configurable User Settings
- Remotely Downloadable Firmware
- Full Point/Object Read/Write Access Via BACnet
- Multimode Sequencing
- Integrated Plug Load Control
- Shade Control

Support

- Delivery
- Technical Support
- Features/Firmware
- Tools
- Training
- Licensing

- Factory certified local control experts
- Award winning, free to all
- Free Downloadable Upgrades
- Free Essentials Software
- Free at the factory
- None