

The Room Controller is your network's intelligent wired and wireless controller; a wireless transceiver for EnOcean and Zigbee devices, as well as a traditional wired controller for wired devices. It is programmable for more precise and autonomous local control. It is also a complete and automated BACnet gateway.

Features:

- Communicates with ILLUMRA controllers through a wireless mesh network (Zigbee) and/or Serial wired Link (CANBUS)
- Controls wireless EnOcean and Zigbee Devices
- Controls wired devices through direct connections
- Deploy in scalable wireless mesh network
- Programmable with real-time response to scripting
- Acts as a BACnet IP gateway, converting all devices into BACnet objects, with no need for interpreters or conversion modules
- Acts as a server for the BAS web interface. Use the Ethernet port of a single controller to gain access to your entire network online

Intelligent Controller:

ILLUMRA Room Controllers can be individually programmed for local control.



Inputs/Outputs

Inputs: 6 Universal
Outputs: 4 relay, 2 analog
Wireless: Unlimited i/o

E3X-BACFP	
Voltage	24VAC; $\pm 15\%$; 50/60HZ; Class 2, 24VDC $\pm 10\%$
Inputs	6, 0-10 volts, 4-20mA with 249 Ω external resistor, 1 K Ω to 100 k Ω , 14 bit
Output Analog (x2)	0-10V, nominal 50 MA max each, 12-bit resolution
Output Relay (x4)	24V, 1.1 Amp per relay
Operating Temperature	-0°C (32°F) to 60°C (140°F)
Storage Temperature	-20°C (-4°F) to 60°C (140°F)
Range	50-150 Feet
Dimensions	126mm (5 in) X 126mm (5 in)
Rating and Approvals	UL940-5VA; Energy Mangement Equipment, UL 916, Fourth Edition, December 23, 1998, rev. December 2007; CSA Standard for Signal Equipment C22.2 No 205-M1983 (R2004); CFR47 FCC Part 15, Subpart B:2009; ICES 003: Issue 4 (2004)

ILLUMRA products communicate seamlessly with the BACnet Gateway

