Crestron Zūm®

Lighting Control Solutions
Reference Guide

CRESTRON ELECTRONICS, INC. / COMMERCIAL LIGHTING

CRESTRON®

Crestron Zūm:
Lighting Control Systems for a New Generation

Lighting Control Made Easy

Crestron Zūm lighting control systems cover all your requirements on a single platform. With simple design, installation, control and unparalleled scalability, Zūm enables you to control lighting in as many — or as few — spaces as required.

Zūm Wired Solutions

Zūm Wired is a distributed lighting control system that uses industry standards such as 0-10V, DALI®, and phase control all merged on an enterprise IoT network, Zūm Net. This network not only provides communication and control of your lighting, but also seamlessly integrates with Crestron Unified Communications systems and 3rd party occupancy, environmental, and acoustical sensors or other data-related IoT devices.

Zūm Wireless Solutions

Zūm Wireless is a distributed lighting control system that uses industry standards, such as 0-10V, DALI, and phase control, and can be managed from a secure wireless 2.4 GHZ network. Zūm Wireless systems are scalable from just a single room with two devices, up to 32,000 devices in 1,000 rooms or spaces occupying up to millions of square feet.

Zūm Hybrid Systems

Built on a distributed architecture, both Zūm Wired and Zūm Wireless products can be mixed in a single system. Perhaps you need wireless interface devices, including keypads or sensors, because of room limitations such as glass walls. Maybe you need to add wireless spaces into a wired system. It doesn't matter. There's a Zūm solution for virtually every situation.

Easy to set up

All Zūm devices – wired or wireless – can be managed from the Zūm App, which makes it easy to set up all room aspects and parameters, including presets, lighting levels, and optimized sensor settings. Spaces or rooms can be saved and used as templates for use in other spaces, which greatly reduces the time required to start up your systems.

Easy to manage

With Zūm, building-wide lighting control is just as easy as in-room control. The ZUM-HUB4 control processor (a component of any ZUML control panel) can manage systems with up to 32,000 devices over millions of square feet! The Zūm Hub provides master time clock schedules, demand response, BACnet communication integration, device management (including battery life), as well as uplink connectivity to Crestron cloud services.

When advanced integration and complex sequences are required, the ZUM-HUB4 now supports a custom program (written in Crestron® SIMPL or SIMPL#Pro) running simultaneously alongside the Zum Hub's "point-and-click" software.

Load Controllers

MODEL	DESCRIPTION	IMAGE	ICON
ZUMNET-JBOX-16A-LV	0-10V dimming & switching lighting power pack controller with built-in ZUMNET IP Ethernet switch for networked systems, 16A, 120-277VAC		
ZUMNET-JBOX-DALI	DALI addressable digital lighting power pack dimming controller with built-in ZUMNET IP Ethernet switch for networked systems, 16A, 120-277VAC		
ZUMLINK-JBOX-16A-LV	0-10V dimming & switching lighting power pack controller, 16A, 120-277VAC		
ZUMLINK-JBOX-20A-SW	High inrush switching lighting power pack controller, 20A, 120-277VAC		
ZUMLINK-JBOX-20A-PLUG	High inrush & zero-cross general purpose relay power pack able to control receptacles, 20A, 120-277VAC		

Interfaces

MODEL	DESCRIPTION	IMAGE	ICON
ZUMLINK-KP-R-W	Zūm wired keypad, rocker, BLE		
ZUMLINK-BTN4	4-button keypad tree, pre-labeled		
ZUMLINK-BTN6	6-button keypad tree, pre-labeled		
ZUMLINK-BTN8	8-button keypad tree, pre-labeled		
ZUMLINK-BTNR-ENGRAVED	Rocker button tree, custom engraved		
ZUMLINK-BTN4-ENGRAVED	4-button keypad tree, custom engraved		
ZUMLINK-BTN6-ENGRAVED	6-button keypad tree, custom engraved		
ZUMLINK-BTN8-ENGRAVED	8-button keypad tree, custom engraved		

Sensors

MODEL	DESCRIPTION	IMAGE	ICON
ZUMLINK-IR-QUATTRO-DLS	Infrared Presence Detector with Daylight Sensing, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-IR-QUATTRO-HD-DLS	High-definition 4000 sq. ft. Infrared Presence Detector with Daylight Sensing, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-IR-QUATTRO-DLS-RLY	Infrared Presence Detector with Daylight Sensing & 30V 1A Low Voltage Relay Output, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-IR-QUATTRO-HD-DLS-RLY	High-definition 4000 sq. ft Infrared Presence Detector with Daylight Sensing & 30V 1A Low Voltage Relay Output, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-US-QUATTRO-DLS	Ultrasonic Presence Detector with Daylight Sensing, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-US-QUATTRO-DLS-RLY	Ultrasonic Presence Detector with Daylight Sensing & 30V 1A Low Voltage Relay Output, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-DT-QUATTRO-DLS	Dual-Tech Presence Detector with Daylight Sensing, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-DT-QUATTRO-DLS-RLY	Dual-Tech Presence Detector with Daylight Sensing & 30V 1A Low Voltage Relay Output, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-US-HALLWAY-DLS	Hallway Ultrasonic Presence Detector with Daylight Sensing, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-US-HALLWAY-DLS-RLY	Hallway Ultrasonic Presence Detector with Daylight Sensing & 30V 1A Low Voltage Relay Output, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-US-ONEWAY-DLS	Single-Direction Hallway Ultrasonic Presence Detector with Daylight Sensing, Zūm® Link CAT5e serial communication, 24VDC		
ZUMLINK-US-ONEWAY-DLS-RLY	Single-Direction Hallway Ultrasonic Presence Detector with Daylight Sensing & 30V 1A Low Voltage Relay Output, Zūm® Link CAT5e serial communication, 24VDC		

Cables

MODEL	DESCRIPTION	ICON
CBL-CAT5E-ZUMNET-P-25	Purple ZUMNET CAT5e cable, 25' pre-terminated	
CBL-CAT5E-ZUMNET-P-50	Purple ZUMNET CAT5e cable, 50' pre-terminated	
CBL-CAT5E-ZUMNET-P-100	Purple ZUMNET CAT5e cable, 100' pre-terminated	
CBL-CAT5E-ZUMLINK-P-0.5	Orange ZUMLINK CAT5e cable, 6" pre-terminated	
CBL-CAT5E-ZUMLINK-P-3	Orange ZUMLINK CAT5e cable, 3' pre-terminated	
CBL-CAT5E-ZUMLINK-P-6	Orange ZUMLINK CAT5e cable, 6' pre-terminated	
CBL-CAT5E-ZUMLINK-P-12	Orange ZUMLINK CAT5e cable, 12' pre-terminated	
CBL-CAT5E-ZUMLINK-P-25	Orange ZUMLINK CAT5e cable, 25' pre-terminated	
CBL-CAT5E-ZUMLINK-P-50	Orange ZUMLINK CAT5e cable, 50' pre-terminated	
CBL-CAT5E-ZUMLINK-P-12-10PK	Orange ZUMLINK CAT5e cable, 12' pre-terminated, 10 pack	
CBL-CAT5E-ZUMLINK-P-25-10PK	Orange ZUMLINK CAT5e cable, 25' pre-terminated, 10 pack	

Load Controllers

MODEL	DESCRIPTION	IMAGE	ICON
ZUMMESH-JBOX-16A-LV	16 amp, 0-10V dimming power pack, 120-277V		
ZUMMESH-JBOX-5A-LV	5 amp, 0-10V dimming power pack, 120-277V		
ZUMMESH-JBOX-20A-SW	20 amp, high inrush switching on/off power pack, 120-277V		
ZUMMESH-JBOX-20A-PLUG	20 amp, plug load controller, 120-277V		
ZUMMESH-JBOX-16A-LV-EM	16 amp, 0-10V dimming power pack, 120-277V, UL924 emergency		
ZUMMESH-JBOX-DALI	DALI dimming power pack, 120-277V		
ZUMMESH-EXP-16A-DIMU	16 amp, universal phase dimming module, 120-277V		
ZUMMESH-5A-LV	5 amp, 0-10V wall box dimmer, 120-277V		
ZUMMESH-5A-SW	5 amp, wall switch, 120-277V		
ZUMMESH-DIM	5 amp, MLV wall box dimmer, 120-277V		
ZUMMESH-DELV	5 amp, ELV wall box dimmer, 120-277V		

Wireless Network Accessories

MODEL	DESCRIPTION	IMAGE	ICON
ZUMNET-GATEWAY	PoE gateway, supports 50 network bridges		
ZUMMESH-NETBRIDGE	Snap a single netbridge (aka "the back-pack") onto any Zum Wireless power pack load controller to allow Zum App start-up and to network the entire Zum space.		

Interfaces – 120-277V Powered

MODEL	DESCRIPTION	IMAGE	ICON
ZUMMESH-KP10A	Zūm® Wireless AC Powered Rocker Switch, 100-277VAC		
ZUMMESH-KP10B	Zūm® Wireless AC Powered 4-Button Keypad, 100-277VAC		

Interfaces – Battery Powered

MODEL	DESCRIPTION	IMAGE	ICON
ZUMMESH-KP10ABATT	Battery-powered rocker keypad, pre-labeled		
ZUMMESH-KP10BBATT	4-button battery-powered keypad, pre-labeled		
ZUMMESH-KP10CBATT	6-button battery-powered keypad, pre-labeled		
ZUMMESH-KP10DBATT	8-button battery-powered keypad, pre-labeled		

Accessories

MODEL	DESCRIPTION	IMAGE	ICON
ZUMMESH-AVBRIDGE	AV integration module		
ZUMMESH-JBOX-PSU	J-Box power supply, 120-277V		
ZUMMESH-CCO	Contact closure output for HVAC integration		
ZUMMESH-JBOX-FMKT-CP	Chicago Plenum Enclosure for Zum wireless J-Box devices		

Sensors

MODEL	DESCRIPTION	IMAGE	ICON
ZUMMESH-PIR-OCCUPANCY-BATT	Battery-powered passive IR occupancy sensor		
ZUMMESH-PIR-VACANCY-BATT	Battery-powered passive IR vacancy sensor		
ZUMMESH-OL-PHOTOCELL-BATT	Battery-powered auto-calibrating daylight sensor		
ZUMMESH-PART	Partition sensor		
ZUMMESH-JBOX-SIM	System integration module for low-voltage sensors		

Analog Sensors: Compatible with Zum Wired & Zum Wireless

MODEL	DESCRIPTION	IMAGE
GLA-IR-QUATTRO-HD-COM1-24	Passive IR presense detector, 4,000 sq. ft. coverage, 24V	
GLA-DT-QUATTRO-COM1-24	Dual tech presense detector, 24V	
GLA-US-QUATTRO-COM1-24	Ultra-sonic presense detector, 24V	
GLA-US-HALLWAY-COM1-24	Ultra-sonic hallway presense detector, 24V	
GLA-US-ONEWAY-COM1-24	Ultra-sonic single-direction presense detector, 24V	
GLA-DT-CM-COM1-24	Dual tech corner-mount presencve detector, 24V	
GLA-IR-CM-COM1-24	Passive IR corner-mount presence detector, 24V	

Networked Systems: Control Processor Panels

MODEL	DESCRIPTION	IMAGE
ZUML-HUB4-PAK	The Zūm® Control Processor Panel (CPP) assembly enclosure includes a ZUM-HUB4 processor and a CEN-SW-POE-5 switch allowing dynamic calender scheduling, control, management, BACnet/IP, and demand response for up to 1000 networked Zum Rooms. No licensing fees or cloud access required.	
ZUML-HUB4-CN-PAK	The Zūm® Control Processor Panel (CPP) with Cresnet® includes a ZUM-HUB4 processor with multiple PoE switches and Cresnet power supplies allowing the head-end control of up to 1000 Zum Rooms in addition to traditional Cresnet devices and control of Crestron MLO or FT lighting relay & dimming panels. No licensing fees or cloud access required.	
ZUML-HUB4-GW	The Zūm® Control Processor Panel (CPP) with Wireless Gateway is comprised of a ZUML-HUB4 control processor, a ZUMNET-GATEWAY for Zum Wireless Devices. No enclosure is included. The Power Supplies are include.	

Networked Systems: Distribution/Expansion Panels

(No Processor Included)

MODEL	DESCRIPTION	IMAGE
CLP-HUB-SW-POE-10	CLP Lighting Network Expansion Panel with 7 PoE Ports for expansion.	
CLP-HUB-SW-POE-5	CLP Lighting Network Expansion Panel w/ Ethernet-to-Cresnet® Bridge, 2 Cresnet Subnets, & 3 PoE Ports for expansion.	
CLP-HUB-SW-POE-16	CLP Lighting Network Expansion Panel with Ethernet-to-Cresnet® Bridge, 2 Cresnet Subnets, & 14 PoE+ Ports for expansion.	

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