



Type(s)  
Project  
Date  
Notes

**GENERAL INFORMATION**

The Echo Integration Interface (EII) adds advanced networking protocols to your Echo control system, allowing it to seamlessly integrate with third-party control systems for simultaneous lighting control with audio and video presets.

The Integration Interface does this by providing a simple bidirectional communication of User Datagram Protocol (UDP) string commands for control and status of preset and zone levels in Echo spaces. Other systems can then send commands, query the system, or subscribe to system updates, all using UDP.

**APPLICATIONS**

- Auditoriums
- Theaters
- Hospitality
- Conference and meeting rooms
- Houses of worship
- Education
- Sports venues

**FEATURES**

- Reports real-time Echo system status to the third-party system
- Accepts predefined UDP commands
- Compatible with all Echo products
- Definable subscription addresses for security
- PoE or 24 VDC

**REGULATORY AND COMPLIANCE**

- cULus Listed
- CE Compliant
- RoHS Compliance
- WEEE

**ORDERING INFORMATION**

**Product**

MODEL	DESCRIPTION
EII	Echo Integration Interface

**Mounting Accessories**

MODEL	DESCRIPTION
ECHO-DIN	Echo Low-Voltage DIN-Rail Cover Kit

**Echo Power Requirements**

EchoConnect:	One unit of control power
Auxiliary Power:	100 mA*

\*Not required if using PoE



**SPECIFICATIONS****FUNCTIONAL**

- Integrates with any system that supports User Datagram Protocol (UDP) strings
- Reports the status of the following to an external system:
  - Zones
  - Presets
  - Sequences
- Allows an external system to control the following:
  - Zones
  - Presets
  - Sequences

**MECHANICAL**

- Intuitive four-button interface and onboard display for identification, status and configuration
- Five unit wide DIN Enclosure complies with DIN43880 (35/7.5 rail)
- Constructed of injection-molded, black ABS plastic

**ELECTRICAL**

- Supports PoE or 24 VDC
- Compliant with IEEE 802.3i for 10BASE-T, 802.3u for 100BASE-TX and 802.3af for Power over Ethernet
- Connects to two-wire EchoConnect control networks through low-voltage Class 2 wiring
  - Topology-free wiring over Belden 8471 or equivalent and one #14 ESD drain wire
  - Two #16 AWG wires for 24VDC auxiliary power when required
  - Supports optional use of Belden 1583A or equivalent Ethernet control wire when used with Cat5 termination accessories
  - Wiring may be bus, loop, homerun or any combination of these
  - Supports up to 500 m (1,640 ft) of control wiring
  - Up to 300 m (1,000 ft) using Cat5
- MicroSD card slot for firmware maintenance

**THERMAL**

- Ambient room temperature: 0° to 50° C (32° to 122° F)
- Ambient humidity: 5–95% non-condensing

## ECHO FAMILY OF PRODUCTS

## EchoConnect Power Supplies

MODEL	DESCRIPTION
E-SPS	6 U Room Station Power Supply, Knockout Mount
E-SPS-DIN	16 U DIN rail Station Power Supply with 24 V Aux
E-SPM-A	16 U DRd Station Power Module with 24 V Aux
E-APS2	24 V Aux Power Supply, Knockout Mount

## EchoTouch

MODEL	DESCRIPTION
ETS	EchoTouch Controller Mk2

## Echo Stations

MODEL	DESCRIPTION
E1001	Inspire One Button Station
E1002	Inspire Two Button Station
E1004	Inspire Four Button Station
E1006	Inspire Six Button Station
E1008	Inspire Eight Button Station
E1104	Inspire Four Button with Fader Station
EPS05	Echo Preset Station - 5 Button
EPS10	Echo Preset Station - 10 Button
EPSKS	Echo Keyswitch Station
E-ATC	Echo TimeClock

## Echo Responsive Controls

MODEL	DESCRIPTION
ELS	Light Sensor
EOCC	Ceiling-Mount PIR Occupancy Sensor
EVAC	Ceiling-Mount PIR Vacancy Sensor
E-DOC-C	Ceiling-Mount Dual Tech Occupancy Sensor
E-DVAC-C	Ceiling-Mount Dual Tech Vacancy Sensor
E-DOC-W	Wall-Mount Dual Tech Occupancy Sensor
E-DVAC-W	Wall-Mount Dual Tech Vacancy Sensor
E-DOC-SM1	Switch-Mount Dual Tech Sensor - One Button
E-DOC-SM2	Switch-Mount Dual Tech Sensor - Two Button

## Echo Interfaces

MODEL	DESCRIPTION
EACC	EchoAccess Interface
EEB	Echo Expansion Bridge
EDMXC	Echo DMX Scene Controller
EEl	Echo-Echoflex Interface
ECII	Echo Contact Input Interface
ECOI	Echo Contact Output Interface
EDRI	Echo Demand Response Interface
EBl	Echo BACnet Interface
EII	Echo Integration Interface

## Zone Controllers

MODEL	DESCRIPTION
ERC-G2	One Zone Relay Controller
EDRC-G2	Two Zone Relay Controller
ELD-G2	One Zone 0–10 V Controller
EDLD-G2	Two Zone 0–10 V Controller
ESSC-G2	One Zone SmartSpace Controller
EDSSC-G2	Two Zone SmartSpace Controller
ELVD-G2	600-Watt Phase Adaptive Dimmer (120 V)
ELVD-277-G2	600-Watt Phase Adaptive Dimmer (277 V)
ELVD-G2-MLV	600-Watt Forward Phase Dimmer (120 V)
ELVD-277-G2-MLV	600-Watt Forward Phase Dimmer (277 V)

## Room Controllers

MODEL	DESCRIPTION
ERMC4-G2	Four Zone Room Controller
ERMCT4-G2	Four Zone Room Controller with TimeClock
ERMC8-G2	Eight Zone Room Controller
ERMCT8-G2	Eight Zone Room Controller with TimeClock

## Panel Products

MODEL	DESCRIPTION
ERP	Echo Relay Panel Mains Feed
ERPA	Echo Relay Panel Mains Feed 277 V
ERP-FT	Echo Relay Panel Feedthrough
IQ	Sensor IQ Intelligent Breaker System
SR3	Sensor3 Power Control System
DRd	Unison DRd with Echo Control

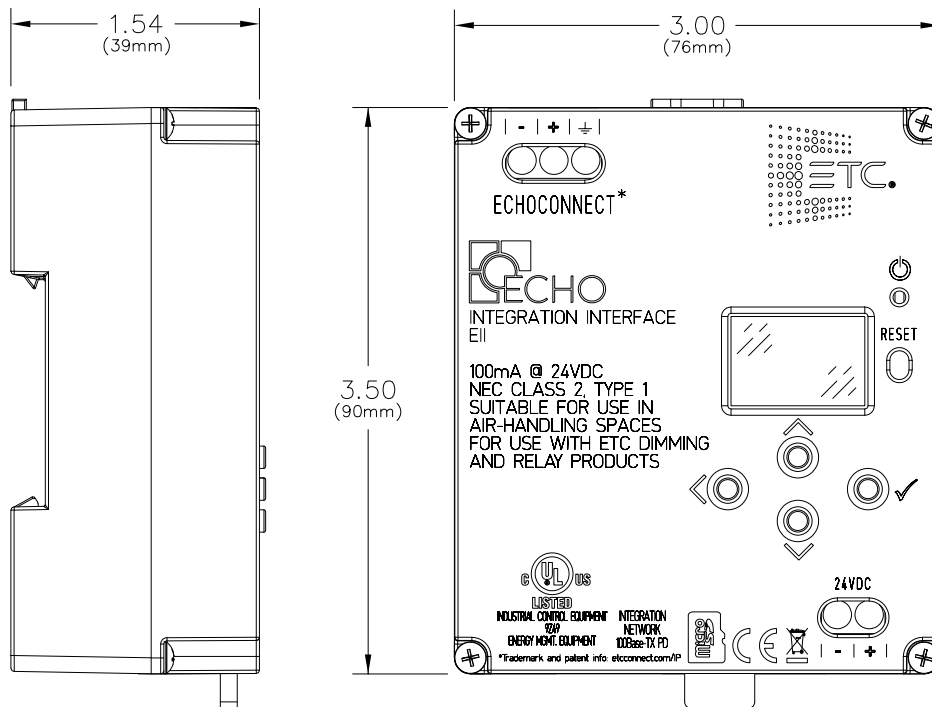
PHYSICAL

Product Dimensions

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
EII	3.5	90	3.0	76	1.54	39

Product Dimensions

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
EII	0.35	0.16	0.90	0.40



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