

SPECIFICATIONS**FUNCTIONAL**

- Combines up to four Echo Control Segments to create a single larger Echo control system with the following maximums:
 - 4 Power Supplies (as needed based on system size)
 - 64 Control Products (Stations, Sensors and Interfaces)
 - 64 Output Products (Zone Controllers, Panel Power Products, DMX Scene Controller, EEI)
 - 16 Zones per space
 - 16 Spaces per bridge
- Connects to a wireless access point to allow the EchoAccess Mobile App to connect to the Echo system via Wi-Fi
- Allows Paradigm systems to control and display status of the following:
 - Echo Presets
 - Echo Zones
 - Echo Space Combine
 - Echo Space Lockout
- Paradigm supports a maximum of 16 Expansion Bridges per Paradigm Control Processor and a maximum of 128 Bridges per Paradigm Project

MECHANICAL

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

ELECTRICAL

- Connects four, 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 meters (1,640 feet) of control wiring
 - Up to 300 meters (1000 ft) using Cat5
- Compliant with IEEE 802.3i for 10BASE-T, 802.3u for 100BASE-TX and 802.3af for Power over Ethernet
- MicroSD card slot for firmware maintenance
- UL and cUL LISTED, CE Marked

THERMAL

- Ambient room temperature: 0-50°C / 32-122°F
- Ambient humidity: 5-95% non-condensing

ECHO FAMILY OF PRODUCTS

EchoConnect Power Supplies

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

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
EPSLO	Echo Lockout 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

Zone Controllers

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

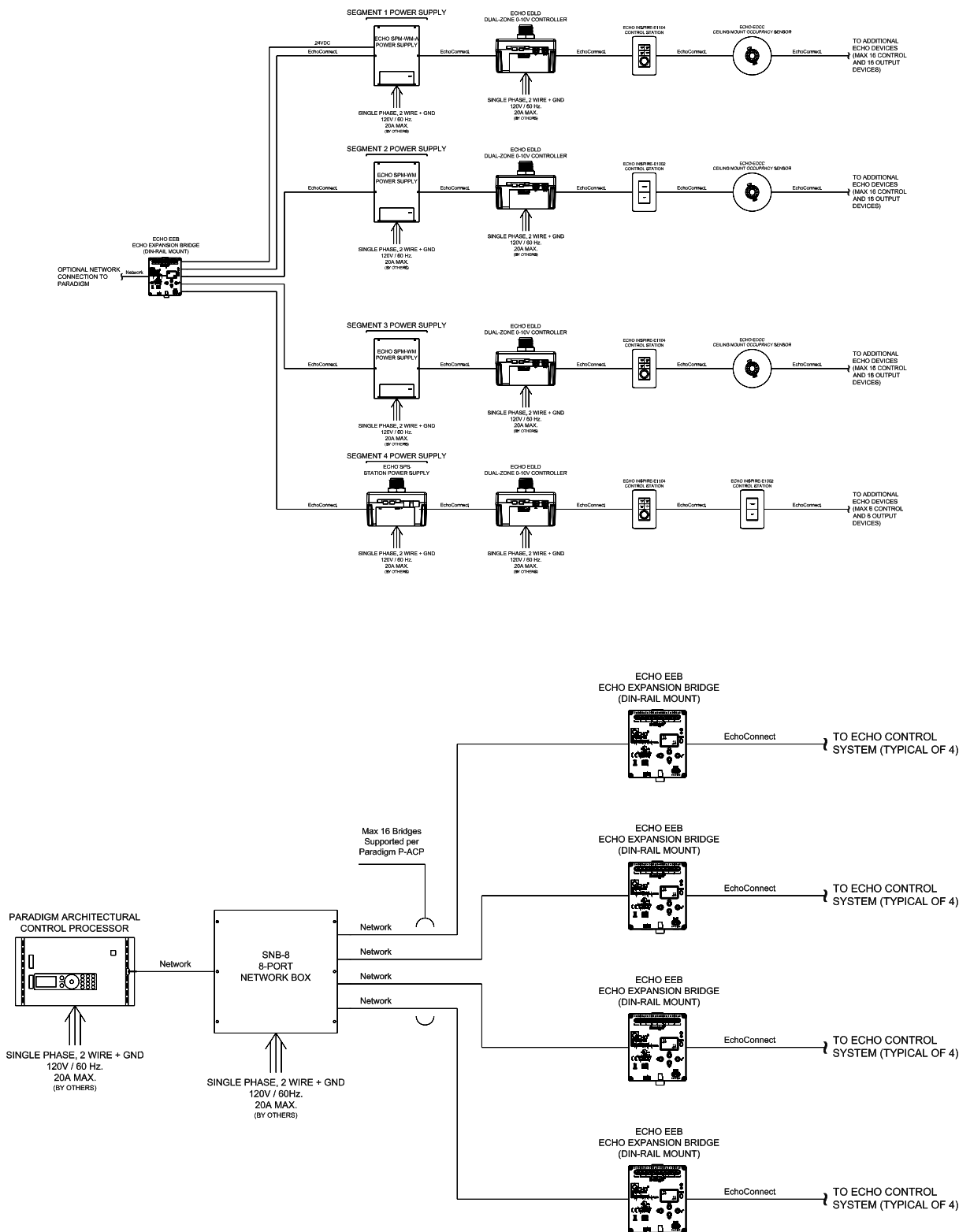
Room Controllers

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
ERP-FT	Echo Relay Panel Feed Through
SensorIQ	Sensor IQ Intelligent Breaker System
SR3	Sensor3 Power Control System
DRd	Unison DRd with Echo Control

ECHO EXPANSION BRIDGE RISER DIAGRAMS



PHYSICAL

Product Dimensions

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

Product Dimensions

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

