Unison Echo Products
Quick Info Guide

Echo Control Products

Inspire 1 Button

EchoConnect:	1 - Control
Aux Power:	Not required

Inspire 2 Button

EchoConnect:	1 - Control
Aux Power:	Not required

Inspire 4 Button

EchoConnect:	1 - Control
Aux Power:	Not required

Inspire 6 Button

EchoConnect:	1 - Control
Aux Power:	Not required

Inspire 8 Button

EchoConnect:	1 - Control
Aux Power:	Not required

Inspire 4 Btn Fader

EchoConnect:	1 - Control
Aux Power:	Not required

5/10 Button Preset

EchoConnect:	1 - Control
Aux Power:	Not required

Keyswitch Station

EchoConnect:	1 - Control
Aux Power:	Not required

Dual Tech 1 Button

EchoConnect:	1 - Control
Aux Power:	Not required

Dual Tech 2 Button

EchoConnect:	1 - Control
Aux Power:	Not required

PIR Occupancy Vacancy Sensor

EchoConnect:	1 - Control
Aux Power:	Not required

Light Sensor

EchoConnect:	1 - Control
Aux Power:	Not required

Dual Tech Ceiling Sensor

EchoConnect:	1 - Control
Aux Power:	Not required

Dual Tech Wall Sensor

EchoConnect:	1 - Control
Aux Power:	Not required

EchoAccess Interface

EchoConnect:	1 - Control
Aux Power:	-50 mA

TimeClock

EchoConnect:	1 - Control*
Aux Power:	-40 mA

Contact Interface Input

EchoConnect:	1 - Control
Aux Power:	-40 mA

Demand Response Interface

EchoConnect:	1 - Control
Aux Power:	-40 mA

BACnet Interface

EchoConnect:	1 - Control
Aux Power:	-40 mA or PoE

Integration Interface

EchoConnect:	1 - Control
Aux Power:	-40 mA or PoE

*see FAQs on page 4

Echo Output Products

1 Zone Relay Controller Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	1
# Of Presets:	16

2 Zone Relay Controller Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	1
# Of Presets:	16

1 Zone 0-10V Controller Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	1
# Of Presets:	16

2 Zone 0-10V Controller Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	1
# Of Presets:	16

1 Zone SmartSpace Controller Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	1
# Of Presets:	16

2 Zone SmartSpace Controller Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	1
# Of Presets:	16

120V Phase Adaptive Dimmer Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	1
# Of Presets:	16

277V Phase Adaptive Dimmer Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	1
# Of Presets:	16

4 Zone Room Controller Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 4
# Of Presets:	16

8 Zone Room Controller Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 8
# Of Presets:	16

4 Zone Room Controller w/ TC Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 4
# Of Presets:	16

8 Zone Room Controller w/ TC Gen2

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 8
# Of Presets:	16

DRd With Echo

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 16
# Of Presets:	64

Echo Relay Panel Feedthrough

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 16
# Of Presets:	16

Echo Relay Panel Mains Feed

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 16
# Of Presets:	16

SensorIQ

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 16
# Of Presets:	16

Sensor3

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 16
# Of Presets:	64

EchoDIN CE (CE Projects Only)

EchoConnect:	1 - Output
Aux Power:	Not required
# Of Spaces:	Max 16
# Of Presets:	16

DMX Scene Controller

EchoConnect:	1 - Output
Aux Power:	-150 mA
# Of Spaces:	1
# Of Presets:	16

Echo-Echoflex Interface

EchoConnect:	1 - Output
Aux Power:	-50 mA
# Of Spaces:	1
# Of Presets:	16

Contact Output Interface

EchoConnect:	1 - Output
Aux Power:	-40 mA
# Of Spaces:	1
# Of Presets:	16

EchoTouch Controller

EchoConnect:	1 - Output
Aux Power:	-750 mA or PoE
# Of Spaces:	1
# Of Presets:	64

Echo Power Supplies

Standalone Power Supplies

E-SPS

Provides:	
Control	6
Output:	6
Aux Power:	None

E-APS (Aux Power Only)

Provides	
Control	None
Output:	None
Aux Power:	+160 mA

E-SPM-A

Provides:	
Control	16
Output:	16
Aux Power:	+1500 mA

E-SPS-DIN

Provides:	
Control	16
Output:	16
Aux Power:	+1500 mA

Echo Power Controllers With Power Supplies

Room Controller

Provides:	
Control	6
Output:	5
Aux Power:	+40 mA*

*For use with optional installed TimeClock

Echo Control Processor

Provides:	
Control	6
Output:	5
Aux Power:	None

CEM3

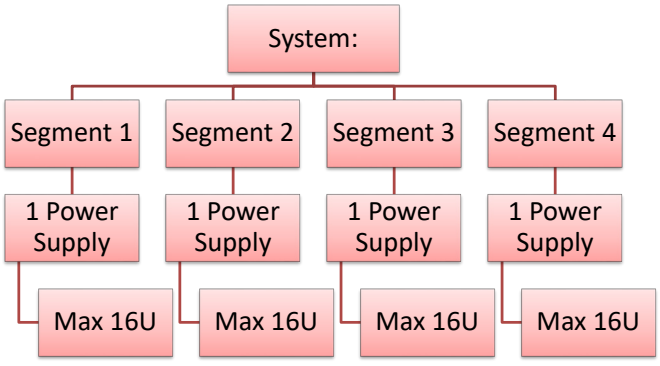
Provides:	
Control	6
Output:	5
Aux Power:	None

Echo Expansion Bridge

EchoConnect:	Does Not Count
Aux Power:	100 mA or PoE

The Echo Expansion Bridge provides three functions:

-Provide a wireless connection for the EchoAccess mobile app through a connected Wireless Access Point (WAP).
-Combine up to four EchoConnect Power Supples to create larger Echo control systems.
-Facilitates communication between Echo and Paradigm, allowing Paradigm to control Echo and Echo to tell Paradigm it's status.



Echo Frequently Asked Questions

Q: EchoConnect power supplies are measured in "U"s. What's a "U"?

A: A "U" is a unit of power measurement. A unit counts as one control product and one output product. For example, a 6U power supply would power 6 control products and 6 output products.

Q: When should I use a 6U vs a 16U power supply?

A: If you have more than 6 control products (stations, sensors, access, etc.) or more than 6 output products (zone controllers, panels, DMX Scene, etc.)

Q: When do I need Aux power?

A: If you have a TimeClock, EchoAccess, DMX Scene Controller, Echo-Echoflex Interface, Echo Contact Interface, BACnet Interface, Integration Interface, Echo Expansion Bridge or EchoTouch you need an Aux power unit.

Q: Do I have to use ETC's EchoConnect Station Power Supplies?

A: Yes. An EchoConnect power supply is required in all Echo systems.

Q: Do I have to use ETC's 24V Aux for auxiliary Power?

A: No. Any 24 volt power supply will work. It is not required to be provided by ETC but it is required by the products.

Q: What does it mean that EchoAccess is a bonus power-wise?

A: The first EchoAccess in a system does not count against your power supply count. So you can have 7 stations on a 6U power supply if one is an EchoAccess station.

Q: Can I use more than one power supply?

A: Without and Expansion Bridge, no. Only one power supply may be used at a time. Output products that also have power supplies in them have the option to have the power supply turned off.

Q: What if I need more than 16 stations?

A: Add an Echo Expansion Bridge! That will give you a new max of 64U. But remember, you'll still need power supplies to account for all the products.

Q: Why isn't my Room Controller Counting as a power supply in the Echo System Summary?

A: Make sure you've added in the Echo Power Supply Section too!

Q: Does ETC offer wall mount power supply options?

A: We do! In the form of our E-SPS-DIN power supply and a DIN8 enclosure. This option can be purchased as a single unit with part number 7186K1212. Alternatively, ETC offers a number of DIN rail mounting options in both wall mount and rack mount. The E-SPS-DIN pairs perfectly with any of those options.

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