



Power Over Ethernet Solutions

PoE / PoE+

Power over Ethernet (**PoE**) and Power over Ethernet Plus (**PoE+**) are revolutionary technologies that have transformed the way we think about powering devices in a modern workspace.



Key Features

Simplify Your Workspace



PowerBx's PoE and PoE+ solutions simplify power supply in modern workspaces by transmitting both electrical power and data over standard Ethernet cabling. This eliminates the need for separate power cables, ensuring a cleaner, more organized, and safer workspace.

Efficient and Versatile Powering



Our PoE solutions efficiently power various devices like IP phones, wireless access points, and security cameras. PoE+ extends this capability to higher-power devices such as dual-band wireless access points, video-conferencing equipment, and advanced IP cameras.

Enhanced Safety and Reliability



PowerBx's PoE/PoE+ solutions prioritize safety by reducing the risk of electric shock and fire hazards from overloaded power sockets. With built-in overload protection, they ensure the safety and longevity of your devices.

Cost-effective Installation and Maintenance



PoE/PoE+ powers devices through existing network cabling, slashing costs and simplifying installation and maintenance, leading to substantial savings.

Scalable and Future-Proof



PowerBx's PoE/PoE+ solutions scale seamlessly with your growing business, accommodating new devices without extra electrical infrastructure. This future-proofs your investment, ensuring adaptability to evolving technological needs.

Eco-Friendly Solution



Our PoE/PoE+ solutions minimize cabling and electrical waste, promoting efficiency and environmental friendliness. This supports green initiatives, appealing to businesses aiming to reduce their ecological footprint.





ASTRO

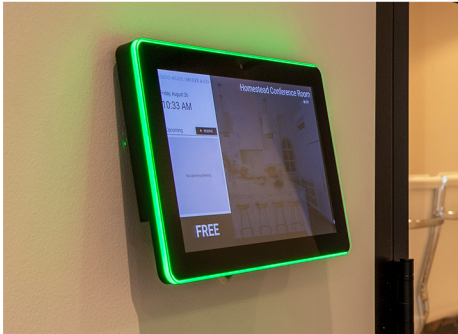
Android Room Booking Hardware

ASTRO 10.1 All-In-One

The PowerBx ASTRO 10.1 All-in-One is a certified solution aimed at simplifying conference room scheduling and management in hybrid offices. It integrates PoE+, CE, and ROHS certifications for easy installation.

Variations

Wall



SKU: TAB-RDK-101-W

Door



SKU: TAB-RDK-101-D

Glass



SKU: TAB-RDK-101-G

Key Features

Product Dimensions

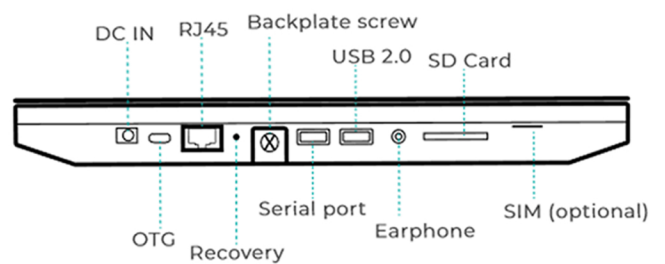
6.94" x 10.28" x 0.88"

Power & Cables

PoE: IEEE801.3at
Cat 6
or
12V/1.5A Power Adapter

Ports

DC IN
OTG
RJ 45
Serial Port
USB 2.0
SD Card
Earphone
SIM (optional)





POE ADAPTER + GIGABIT

SKU: POE-GIG-DVR

PoE Adapter + Gigabit

PoE Adapter + Gigabit offers reliable power and data for Apple or Android tablets. It is IEEE802.3AF compliant, ensuring uninterrupted connectivity with a rapid data transfer speed of 10/100Mbps. It features RJ45 input door enclosure compatibility, a DC input range of 37-57V, and USB-C output delivering a consistent 5V 2A output.

Key Features



Specifications:

Output Voltage: 5VDC USB
 Output Current: 3A
 Output Power: 15W
 DC Output Connector: USB Socket
 Data Output Connector: None
 Load Reg & Noise: 5%
 Line Reg & Ripple: 1%
 PoE Input (RJ45): IEEE 802.3af/at or Passive PoE (35-60VDC)

Specifications Cont.

Ethernet Speed: 10/100 MB
 Efficiency: 75% Min
 EMC Standard: FCC Class B
 NE55022 Class B
 MTBF: 183, 911 Hrs

Temperature & Humidity

Operating Temperature: -25 to +50 C (-13 to +122 F)
 Storage Temperature: -40 to 80 C (-40 to +176 F)
 Operating Humidity: 5% - 90% non-condensing

Variations

Compatible with: iPad Mini Gen 6, Samsung T220

Wall (Variant)



SKU: POE-GIG-DVR-W
 Cable Length: 7 Inches
 Connection Angle: 90 Degree

Door (Variant)



SKU: POE-GIG-DVR-D
 Cable Length: 10 Ft Extension Cable
 Connection Angle: Straight

Glass (Variant)



SKU: POE-GIG-DVR-D
 Cable Length: 10 Ft Extension Cable
 Connection Angle: 90 Degree



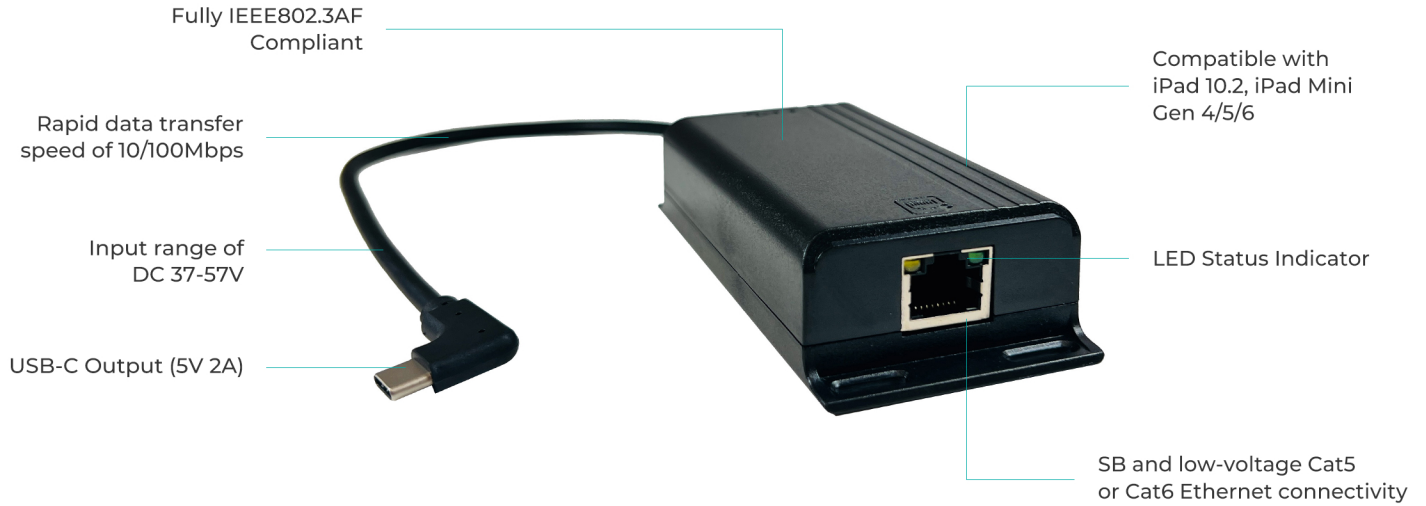
POE ADAPTER + GIGABIT USB-C

SKU: POE-GIG-PRO

PoE Adapter + Gigabit USB-C

The Gigabit + PoE USB-C cable ensures reliable and high-speed connections between compatible devices and networks. The kit includes all necessary cables, and you can order it with or without a cable.

Key Features



Specifications:

Output Voltage: 5VDC USB
 Output Current: 3A
 Output Power: 15W
 DC Output Connector: USB Socket
 Data Output Connector: None
 Load Reg & Noise: 5%
 Line Reg & Ripple: 1%
 PoE Input (RJ45): IEEE 802.3af/at or Passive PoE (35-60VDC)

Specifications Cont.

Ethernet Speed: 10/100 MB
 Efficiency: 75% Min
 EMC Standard: FCC Class B
 NE55022 Class B
 MTBF: 183, 911 Hrs

Temperature & Humidity

Operating Temperature: -25 to +50 C (-13 to +122 F)
 Storage Temperature: -40 to 80 C (-40 to +176 F)
 Operating Humidity: 5% - 90% non-condensing

Variations

Compatible with: [Samsung T220](#), [Samsung T380](#)

No Cable



SKU: [POE-GIG-PRO](#)
 Cable Length: [No Cable](#)
 Connection Angle: [USB-C](#)

Wall (Variant)



SKU: [POE-GIG-PRO-12I](#)
 Cable Length: [12 Inches](#)
 Connection Angle: [USB-C](#)

Door and Glass (Variant)



SKU: [POE-GIG-PRO-3M](#)
 Cable Length: [3 Meters](#)
 Connection Angle: [USB-C](#)



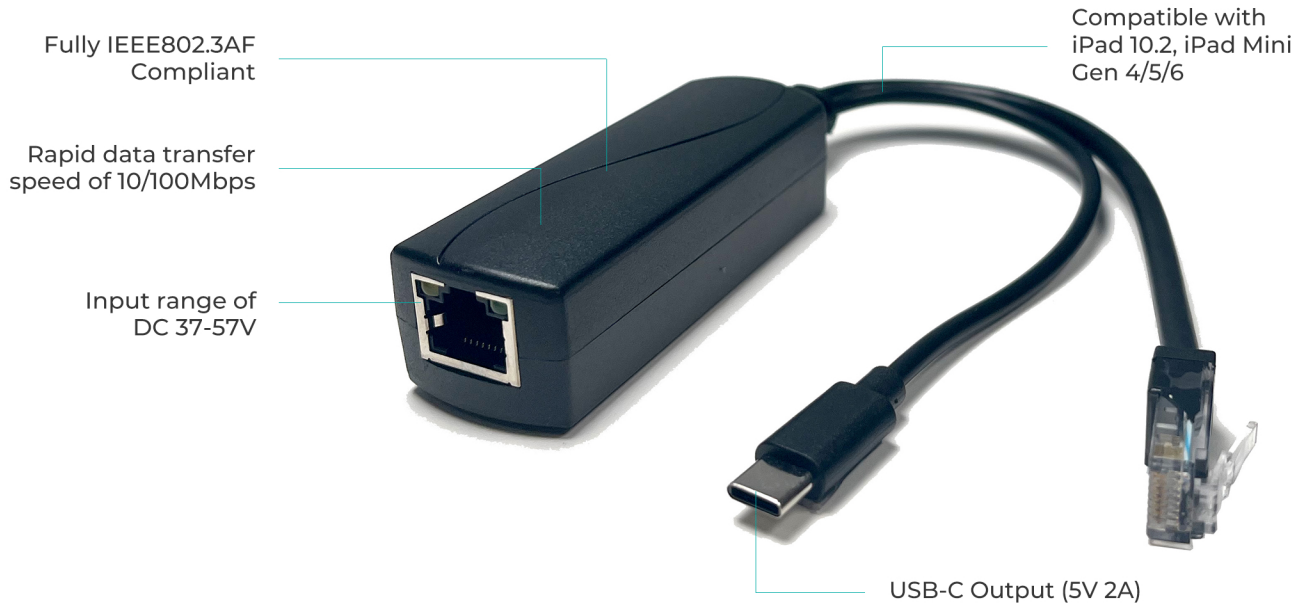
POE ADAPTER (SPLITTER)

SKU: POE-ICO-SPL

PoE Adapter (Splitter)

Experience effortless charging and display with PowerBx's PoE Adapter (Splitter). Designed to keep the devices charged and the conference room booking system beautifully displayed, this adapter and an industrial micro USB cable are all you need for your hybrid work setup.

Key Features



Specifications:

Output Voltage: 5VDC USB

Output Current: 3A

Output Power: 15W

DC Output Connector: USB Socket

Data Output Connector: None

Load Reg & Noise: 5%

Line Reg & Ripple: 1%

PoE Input (RJ45): IEEE 802.3af/at or Passive PoE (35-60VDC)

Specifications Cont.

Ethernet Speed: 10/100 MB

Efficiency: 75% Min

EMC Standard: FCC Class B
NE55022 Class B

MTBF: 183, 911 Hrs

Temperature & Humidity

Operating Temperature: -25 to +50 C (-13 to +122 F)

Storage Temperature: -40 to 80 C (-40 to +176 F)

Operating Humidity: 5% - 90% non-condensing

Variations

Compatible with: iPad 10.2, iPad Mini Gen 4/5/6, Samsung T220

Wall (Variant)



SKU: POE-ICO-SPL-W
Cable Length: 6 Inches
Connection Angle: 90 Degree

Door (Variant)



SKU: POE-ICO-SPL-D
Cable Length: 10 Ft Extension Cable
Connection Angle: Straight

Glass (Variant)



SKU: POE-ICO-SPL-G
Cable Length: 10 Ft Extension Cable
Connection Angle: 90 Degree



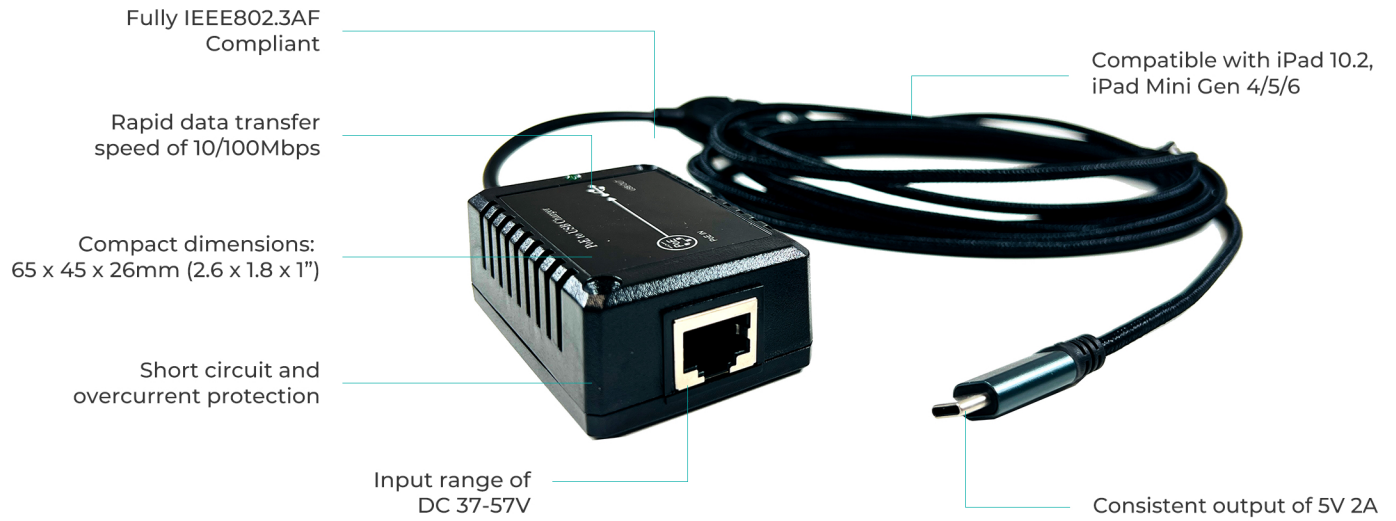
POE ADAPTER USB-A

SKU: POE-ICO-A-APPW

PoE Adapter USB-A

Power devices and streamline your hybrid work setup with PowerBx's PoE Adapter USB-A and an industrial micro USB cable. Designed to power smartphones to tablet displays, this device is a reliable and energy-efficient charging solution.

Key Features



Specifications:

Output Voltage: 5VDC USB

Output Current: 3A

Output Power: 15W

DC Output Connector: USB Socket

Data Output Connector: None

Load Reg & Noise: 5%

Line Reg & Ripple: 1%

PoE Input (RJ45): IEEE 802.3af/at or Passive PoE (35-60VDC)

Specifications Cont.

Ethernet Speed: 10/100 MB

Efficiency: 75% Min

EMC Standard: FCC Class B NE55022 Class B

MTBF: 183, 911 Hrs

Temperature & Humidity

Operating Temperature: -25 to +50 C (-13 to +122 F)

Storage Temperature: -40 to 80 C (-40 to +176 F)

Operating Humidity: 5% - 90% non-condensing

Variations

Compatible with: iPad 10.2, iPad Mini Gen 4/5/6, Samsung T220

Wall (Variant)



SKU: POE-ICO-A-APPW
 Cable Length: 12 Inches
 Connection Angle: 90 Degree

Door (Variant)



SKU: POE-ICO-A-APPD
 Cable Length: 10 Foot Cable
 Connection Angle: Straight

Glass (Variant)



SKU: POE-ICO-A-APPG
 Cable Length: 10 Foot Cable
 Connection Angle: 90 Degree



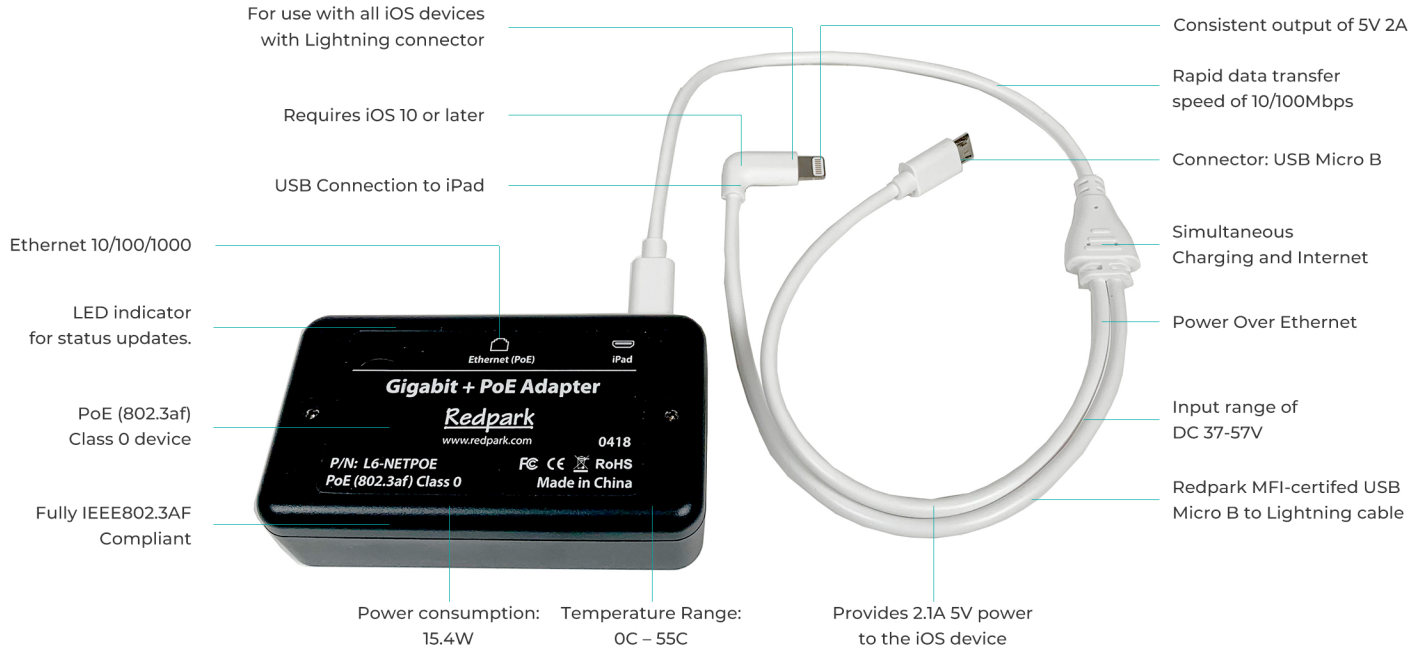
POE ADAPTER + GIGABIT MICRO USB

SKU: POE-GIG-APP

PoE Adapter + Gigabit Micro USB

The Gigabit + PoE Adapter offers lightning-fast connectivity for staying updated with the latest networking technology. The kit includes all necessary cables, and you can order it with or without a cable.

Key Features



Specifications:

Dimensions: 3.25" x 1.75" x .95"

Output Voltage: 5VDC USB

Output Current: 3A

Output Power: 15W

DC Output Connector: USB Socket

Data Output Connector: None

Load Reg & Noise: 5%

Line Reg & Ripple: 1%

PoE Input (RJ45): IEEE 802.3afat or Passive PoE (35-60VDC)

Specifications Cont.

Ethernet Speed: 10/100 MB

Efficiency: 75% Min

EMC Standard: FCC Class B NE55022 Class B

MTBF: 183, 911 Hrs

Temperature & Humidity

Operating Temperature: -25 to +50 C (-13 to +122 F)

Storage Temperature: -40 to 80 C (-40 to +176 F)

Operating Humidity: 5% - 90% non-condensing

Variations

Compatible with: iPad 10.2, iPad Mini Gen 4 or 5

Wall (Variant)



SKU: POE-GIG-APP-W
Cable Length: 16 Inches
Connection Angle: 90 Degree

Door (Variant)



SKU: POE-GIG-APP-D
Cable Length: 3 Meters
Connection Angle: Straight

Glass (Variant)



SKU: POE-GIG-APP-G
Cable Length: 3 Meters
Connection Angle: 90 Degree



POE SWITCH 8 PORT

SKU: POE-SWITCH-8

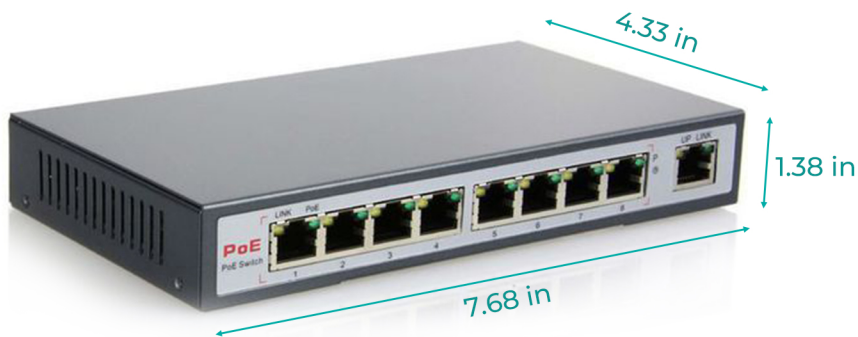
PoE Switch 8 Port

The PoE Switch 8 Port simplifies your network setup by providing power and data to 8 connected devices through a single cable. It's compliant with IEEE802.3AF standards, ensuring compatibility with PoE devices.

Key Features



- **Efficient Single Cable:** Combines power and data transmission in one Cat-6 cable.
- **High-Speed Data:** Delivers fast 10/100Mbps data speeds with AutoUplink™ ports.
- **Device Safety:** Auto-sensing algorithm protects non-PoE equipment.
- **Reliable Power:** Provides consistent 5V 2A to each PoE port.
- **Adaptable:** Works with DC input range of 37-57V.
- **Easy Setup:** Features automatic PoE configuration for hassle-free installation.
- **Versatile:** Suitable for various network setups.
- **Power Capacity:** Each PoE port offers 15.4W, totaling 130W for all ports.
- **Network Management:** Supports 1K entry MAC address table.
- **Included Adapter:** Comes with external power adapter.
- **Monitoring LEDs:** LED indicators for real-time status updates.



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POWERBX

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