



# Interactive TECHNOLOGIES CS-3480 Universe for CueServer 3 Flex Installation Guide

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Interactive TECHNOLOGIES CS-3480 Universe for CueServer 3 Flex



## Specifications

- **Model:** CS-3480 Serial: 600000
- **Power Input:** 12-24V DC, 15 Watts Max (Only needed if not using PoE)
- **LAN Connections:** LAN A/B for primary power provided by PoE or PoE+
- **Audio:** Audio Input/Output via standard 1/8 audio cables
- **Memory Card:** MicroSD Memory Card included, pre-installed
- **Protocols:** May be configured for DMX, Station Bus, or RS-485
- **Expansion Slots:** 4 Smart Module Expansion Slots for optional Smart Modules
- **Touchscreen Display:** Color graphic touchscreen for system status and control

## Mounting

### Desktop Mounting

CueServer 3 Flex comes with small rubberized feet for secure placement on a desktop, rack shelf, or tray.

### Panel Mounting

CueServer 3 Flex can be panel mounted using the included side flanges. Attach the flanges with the provided screws to mount securely on a panel surface.

### DIN Rail Mounting

Secure CueServer 3 Flex horizontally onto standard DIN Rail using the included spring-loaded clips attached with

screws. DIN  
Rail must be provided separately.

## Safety Instructions

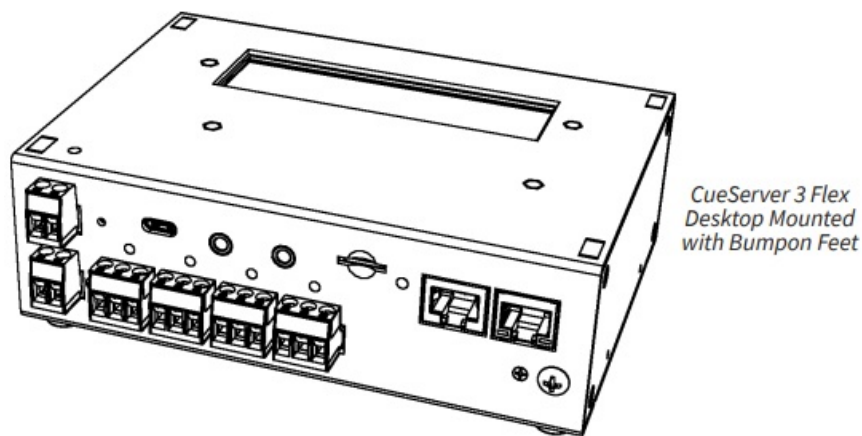
- Ensure proper grounding by using the grounding screw for an
- Earth ground connection. Follow all electrical connection guidelines as outlined in the manual.

## Product Usage Instructions

1. **Powering:** Use LAN A/B for primary power via PoE or PoE+. Alternatively, use the DC Power Input with 12-24V DC if not using PoE.
2. **Audio:** Connect standard 1/8 audio cables to Audio Input/Output for timecode input or sound effects/music output.
3. **Memory Card:** Utilize the included MicroSD Memory Card for storage and operation.
4. **Expansion Slots:** Populate the Smart Module Expansion Slots with available Smart Modules as needed.
5. **Touchscreen Display:** Use the color graphic touchscreen for system monitoring, control, and settings adjustment.

## Overview

CueServers are powerful lighting control and show playback processors designed to be completely self-contained and extremely cost-effective. Available in a series of models, these powerhouse controllers provide limitless solutions to the lighting professional.



## Mounting

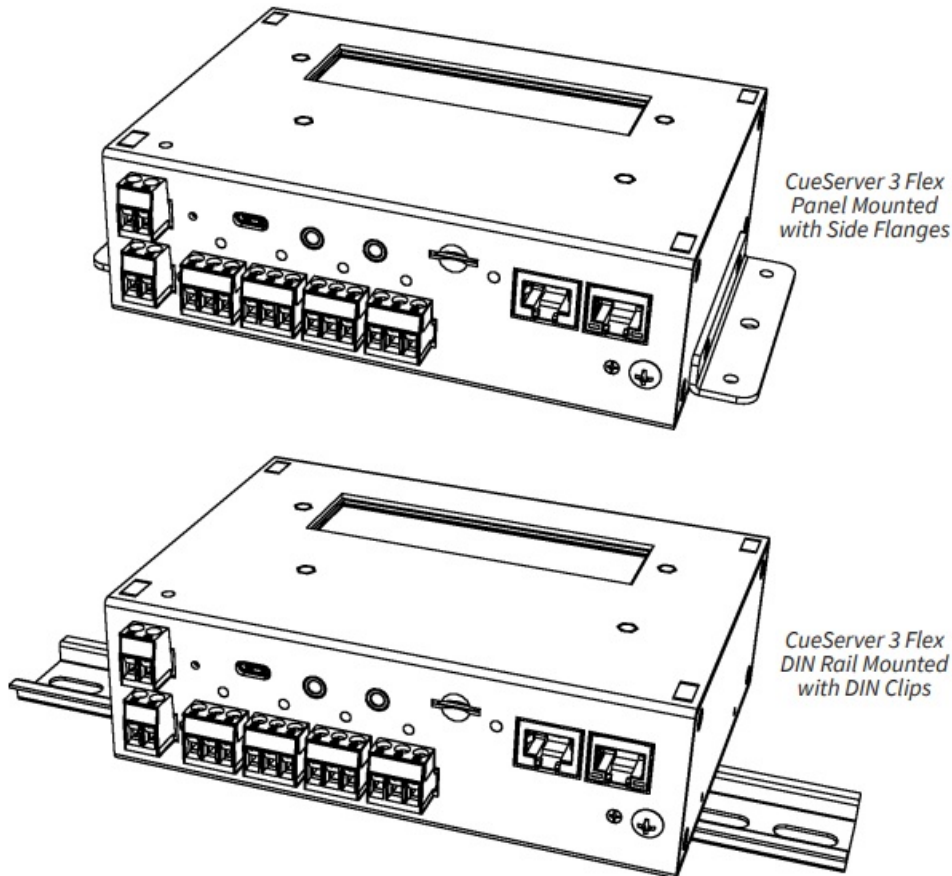
CueServer 3 Flex can be mounted in a variety of ways. See the corresponding images to the right

- **Desktop Mounting**
  - CueServer 3 Flex comes with small rubberized feet that allow it to be securely placed on a desktop, rack shelf, or tray.
- **Panel Mounting**
  - CueServer 3 Flex can be securely panel mounted by using the included side flanges. To attach the flanges to
  - CueServer 3 Flex, use the provided screws. The flanges include various holes that can be used with

screws, zip-ties, etc. to mount CueServer 3 Flex to a panel surface.

- **DIN Rail Mounting**

- CueServer 3 Flex can be secured horizontally onto standard DIN Rail by using the included spring-loaded clips.
- Use the included screws to attach the clips to the bottom of CueServer 3 Flex.
- Please note that DIN Rail is not included and must be provided by the customer.



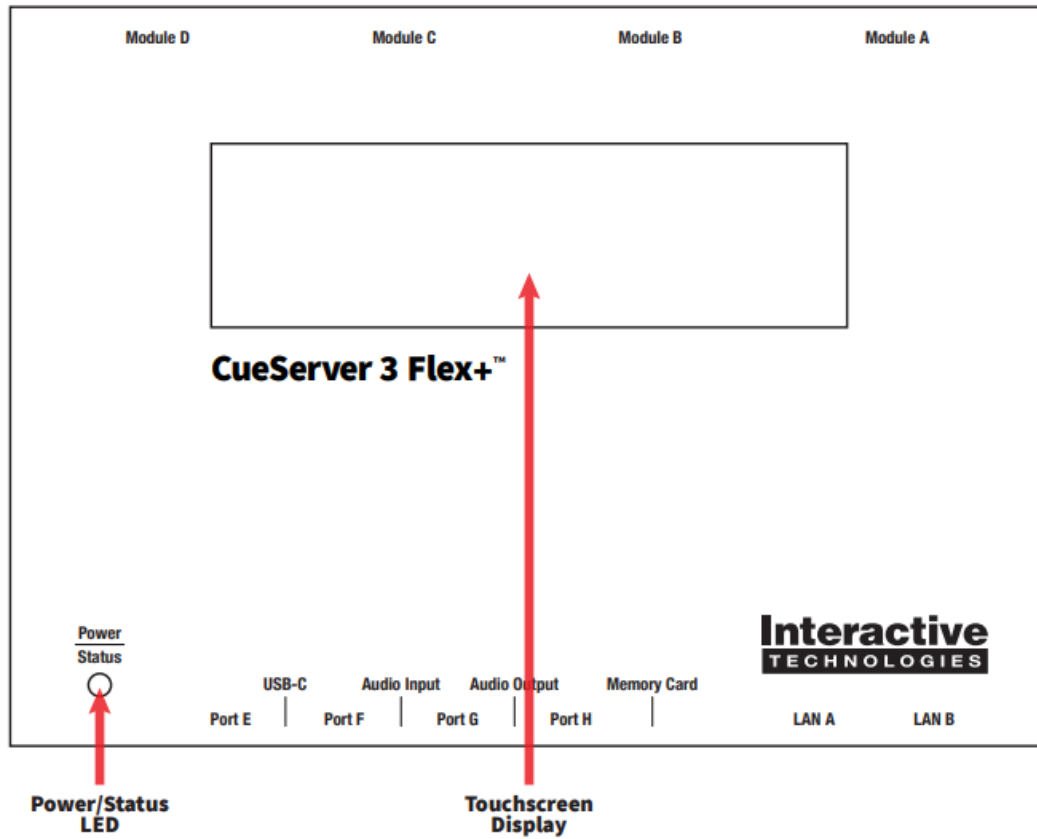
## **Safety Instructions**

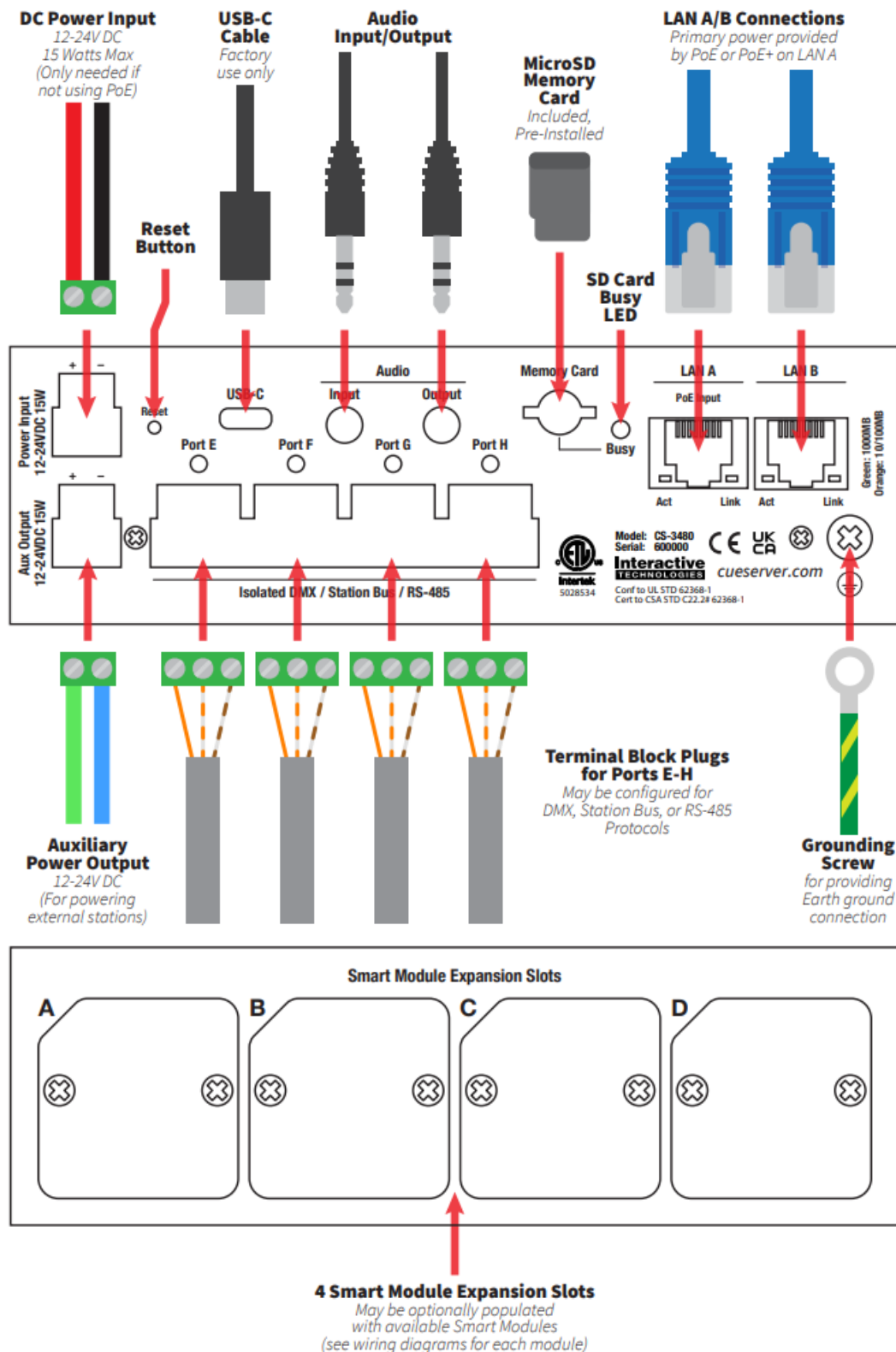
- Read and follow all safety instructions.
- Save these instructions and deliver them to the owner after installation.
- Installation and service should be performed by a qualified person(s).
- Disconnect or turn off the power before installation or servicing.
- The product must be grounded using the provided grounding attachment point.
- Verify supply voltage with product specifications before applying power.
- Do not exceed the maximum wattage, ratings, or published operating conditions of the product.
- Do not overload.
- Follow all manufacturer's warnings, recommendations, and restrictions to ensure proper operation of the product.
- Electrostatic Discharge (ESD) can damage this product. Personal grounding equipment must be worn during installation and servicing.
- Do not modify the product.
- Do not use the product for anything other than its intended use.
- For indoor use only. Not for damp locations. See the datasheet for operating temperature and humidity

conditions.

- Do not use the product for life safety or in any situation where a product failure could cause harm to people or property.
- Failure to follow these instructions could void the product warranty

## Panel Overview & Electrical Connections





- **Power/Status LED**

- Illuminates solid Blue when powered by DC Input, Green by PoE, and Cyan by PoE+. Various flashing patterns and colors during startup, log messages, errors, or firmware updates. See User's Manual for more information.

- **Touchscreen Display**

- Color graphic touchscreen for system status, monitoring, control, and operational settings.

- **DC Power Input**

- Only used if not powered by PoE. The nominal input voltage is 24V DC.

- **Reset Button**

- Can be used to return to factory defaults. See the User's Manual for more information.
- **USB-C**
  - At this time USB-C is only used by the factory.
- **Audio Input/Output**
  - Connect standard 1/8" audio cables to Audio Input and/or Audio
  - Output for providing LTC Timecode input, or to receive sound effects and music output.
- **MicroSD Memory Card**
  - Show programming data is stored on this card. CueServer 3 Flex comes with a card already inserted in this slot. Cards can be moved between CueServer processors when the power is off.
- **MicroSD Busy LED**
  - Illuminates Red when the card is in use.
- **Ethernet (and PoE)**
  - 10/100/1000MB Ethernet network connects to these jacks. The device is normally powered by PoE or PoE+ on the LAN A jack. The device can be configured to combine LAN A and LANB into a single network or to use them as two separate LANs. Ethernet is required during programming and for network-based control protocols.
  - Ethernet may be disconnected after programming if not needed.
- **Auxiliary DC Output**
  - May be used to power external accessories, such as Button Stations.
  - When powered via PoE, the output voltage is 24VDC. When powered via DC Input, the output voltage is the same as the input voltage.
- **Terminal Block Ports (E-H) (if equipped)**
  - Individually configurable as DMX Input, DMX Output, 5-Wire Station Bus, or RS-485. Only available on the CS-3480 model.
- **Grounding Screw**
  - Attach protective Earth Ground to this screw.
- **Smart Module Expansion Slots (A-D)**
  - Available for system expansion by installing any of the available Smart Modules (SM-xxx). See individual Smart Module documentation for specifications and wiring diagrams.

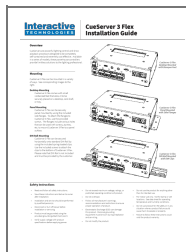
## FAQ

- **Q: What is the recommended power source for CueServer 3Flex?**
  - **A:** The recommended power source is PoE or PoE+ via LAN A/B. Alternatively, you can use a 12-24V DC power input if PoE is not available.
- **Q: How do I reset CueServer 3 Flex to factory defaults?**
  - **A:** Press the reset button on CueServer 3 Flex to return it to factory defaults. Refer to the User's Manual for detailed instructions.

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## Documents / Resources



[Interactive TECHNOLOGIES CS-3480 Universe for CueServer 3 Flex](#) [pdf] Installation Guide  
CS-3480 Universe for CueServer 3 Flex, CS-3480, Universe for CueServer 3 Flex, CueServer 3 Flex, 3 Flex

## References

- [It cueserver.com](https://www.cueserver.com)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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