

# BINARY

## Binary™ 900 Series MoIP Controller Firmware Version 3.0.4.8 Release Notes

**Product:** B-900-MoIP-4K-CTRL

**Released:** 2020 November 2

**Priority:** Recommended for all systems, but **required before adding B-900-MOIP-AUDIO-TX and B-900-MOIP-AUDIO-RX**

### Important Notes

- This firmware also includes new transmitter and receiver firmware, which the controller pushes to each transmitter and receiver. Please allow enough time for all transmitters and receivers in your system to fully update. The update could take 20 minutes or more depending on the size of the system. The larger the system, the longer the update will take.
  - » v1.0.21 for B-900-MOIP-4K-TX or RX
  - » v2.0.31 for B-900-MOIP-4K-TX-2AC or RX-2AC
  - » Audio RX (0.2.10) & TX (0.2.6)
- Pairings are not saved, so your TVs will remain on the blue Binary screen with the text “services started” after the update is complete, until a transmitter/source is selected.

### Enhancements /Bug Fixes since 2.0.0.0014

1. Added support for MoIP Audio SKUs (B-900-MOIP-AUDIO-TX and RX).
2. Added control APIs for dynamic audio volume control for MoIP Audio units only.
3. Added an upgrade timer for each RX and TX for a better update experience.
4. Added ability to get and recall scenes from control API.
5. Several enhancements to web server for multi-threaded browsers like Chrome and other Chromium-based browsers.
6. Modified IR control API to accept pronto codes up to 1022 characters.
7. Improved accuracy of online/offline state.
8. Fixed pairing page names not persisting.
9. Fixed pairing page IDs not matching.
10. Modified log export to include uptime and correct ST value.
11. Enhanced debugging information for unit to unit communications.
12. Implemented feedback from Cyber Security team to enhance device security.
13. Other minor bug and UI fixes.

### CONTACTING TECHNICAL SUPPORT

Phone: (866) 838-5052

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## Binary™ 900 Series MoIP Controller Firmware Version 2.0.0.0014 Release Notes

**Product:** B-900-MoIP-4K-CTRL

**Released:** 2020 April 22

**Priority:** Recommended for all systems, but **required before adding B-900-MOIP-4K-TX-2AC and B-900-MOIP-4K-RX-2AC.**

### Important Notes

- This firmware also includes new transmitter and receiver firmware, which the controller will push to each transmitter and receiver. Please allow enough time for all transmitters and receivers in your system to fully update. The update could take 20 minutes **or more** depending on the size of the system. The larger the system, the longer the update will take.
  - » v1.0.18 for B-900-MOIP-4K-TX or RX
  - » v2.0.27 for B-900-MOIP-4K-TX-2AC or RX-2AC
- Pairings will not be saved, so your TVs will remain on the blue Binary screen with the text “services started” after the update is complete, until a transmitter/source is selected.
- After the firmware update is complete and all transmitters and receivers have been updated, if any transmitters or receivers show offline in the local UI, reboot the controller via the local UI “Reboot” button. All units should recover.

### Enhancements /Bug Fixes since 1.2.0.8

1. Added audio downmixing support for B-900-MOIP-4K-TX-2AC and B-900-MOIP-4K-RX-2AC SKUs only.
2. Added support of CA IoT password law requiring you to change the local UI username and password.
3. Fixed local UI locking up after an update.
4. Enhanced reliability of TX/RX network connectivity.
5. Fixed bug where baud rate of 115200 could not be selected for serial transmission.
6. Fixed rotation bug where it wouldn't save after a page refresh.
7. Increased buffer size for incoming API messages to allow for large IR pronto codes.
8. Added save spinner to details page.
9. Added confirmation modal to serial routing page.
10. Fixed issue causing App setting to always be disabled on boot.

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