

Binary MoIP

Crestron Home™ Driver

Base Model: MoIP

Device Type: AV Switcher

Version: 1.2.1

Notes & Recommendations

This Binary MoIP driver communicates using TCP/IP to the Binary MoIP controller. Once the driver is installed into Crestron Home™ you will be able to route video and audio from the Binary MoIP transmitters to the receivers and utilize their COM ports. The transmitters are represented as inputs and the receivers as outputs following the same order as they are in the controller. The COM ports will appear on the list of available ports.

This driver comes with a 2-hour trial license. You can purchase a full license at <https://digitalautomation.us/product/binary-moip>.

For additional information about this driver please visit the FAQs section on our website

Installation/Upgrade Instructions

The Binary MoIP system should be fully configured and functional before the driver can be used. The username, password, and the Binary transmitters and receivers order should be set before the driver is added to a Crestron Home™ system.

When adding the driver, it will ask for a descriptive name, hostname or IP address of the MoIP controller, and username and password. The “Required Authentication” box must be left unchecked, and port 23 should be left as the communication port number.

Note:

A receiver can only route video or audio transmitter at the same time.

End-User Experience

The Binary MoIP AV distribution is represented as a 50 x 50 AV Switcher. The input and output numbers on the AV Switcher represent the transmitter and receiver numbers assigned on the Binary MoIP Controller Web Interface. For example, output 4 represents the receiver in the fourth position on the MoIP Controller web interface.

Known Issues

- The maximum number of transmitters is 50.
 - The minimum number of transmitters is 50.
 - IR port control over IP is not currently supported.
 - Serial comports on transmitters 48-50 are not supported.
 - You can not manually change the baud rate of a COM, it is set by the driver.
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Supported Features

- Input to Output Routing. The Binary Moip is represented as a 50 x 50 video switcher matrix.
 - Binary MoIP Endpoint COM port utilization from CH Setup App.
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Minimum System Requirements and dependencies

- Crestron Home 3.017.0098.
 - CDD SDK 15.0000.0006.
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Test Environment

- Crestron Home 3.018.0123.
 - CP4R Firmware v2.8000.00017 (Nov 14, 2022).
 - CDD SDK 16.0000.0062.
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Supported Models

- Binary MoIP Controllers
 - B-900-MoIP-4K-CTRL
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Contact Information

If you have any questions please contact us at drivers@digitalautomation.us

Version History

1.0.0

09/29/2021

- Initial release

1.1.0

02/02/2022

- Updated the input and output connectors to generic instances.

1.2

11/18/2022

- Added Binary endpoint RS-232 COM port communication support.

1.2.1

02/14/2023

- Added generic audio type connections support.
 - Added support audio support speaker.
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