

SAFARI MONTAGE™



SAFARI Montage® Endpoint

Dear Customer,

Thank you for the purchase of your new [SAFARI Montage Endpoint!](#)

The SAFARI Montage Endpoint is the perfect complement to every display and projector, and it integrates seamlessly with your SAFARI Montage environment to provide a fully managed platform for the delivery of district-wide digital signage, broadcasts, and classroom-based digital media and live streams.

This manual will guide you through the initial installation of your endpoint and registration within your SAFARI Montage environment.

Before you begin installation, please read all instructions, heed all safety information in this guide and make certain that all components of your endpoint are present.

In the unlikely event that any components are missing or defective, please have the serial number of your endpoint handy, and contact the SAFARI Montage support team at [1-800-782-7230](tel:1-800-782-7230).

Please keep this user manual and a permanent record of the serial number of your endpoint in a safe place for future reference.

1. Safety Precautions and Legal Information



WARNING

TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT USE THIS NEMA 5-15P GROUNDED, THREE-PRONG PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.



1.1 Important Safety and Operating Environment Considerations



Follow these important safety guidelines when installing and using your SAFARI Montage Endpoint:

1. Read all instructions, heed all warnings herein and install according to all manufacturer's instructions.
2. Do not use this product near water.
3. Allow for adequate ventilation to maintain normal operating temperature. Do not block ventilation openings, position the product in an enclosed space that would restrict airflow around the unit, place anything on top of the product or place the product on top of another heat-producing device.
4. Do not install near any heat sources, such as radiators, heat registers or any other apparatus (including amplifiers) that produces heat. If the device has been in a cold environment, allow it to warm to room temperature for at least two hours before connecting it to a power source.
5. Install the product securely to prevent damage.
6. Use only the power supply provided with the product. The use of any other power supply may cause damage and void the warranty. Do not defeat the safety purpose of the polarized or grounding-type plug provided with the product. A polarized plug has two blades and a third grounding prong. The wide-blade and the third prong is provided for your safety. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet.
7. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the product.
8. Read and follow all safety instructions in this user manual related to the included remote control, including but not limited to the use of batteries within the remote control.
9. Disconnect this product from the power supply before cleaning, clean with a dry cloth only and do not use any cleaning agents or solvents.
10. Only use the attachments and accessories specified by the manufacturer.
11. Unplug this product during lightning storms or when unused for long periods of time.
12. The endpoint must be placed at a distance of at least 10 cm from other equipment that may cause electromagnetic interference, such as TV sets or video recorders.
13. The endpoint can be operated at an ambient temperature of 0°C to +35°C and at a relative humidity of 10% to 70% (non-condensing).
14. The SAFARI Montage endpoint must be installed in accordance with SAFARI Montage's warranty terms with properly conditioned power and surge protection.
15. All servicing of the endpoint must be referred to SAFARI Montage in accordance with any applicable warranty.



The following safety guidelines apply to your use of the included SAFARI Montage Endpoint Remote Control:

1. Use only two (2) AAA 1.5 volt batteries for the remote control.
2. Follow the polarity diagram (+ /-) in the battery compartment to avoid the risk of explosion.
3. Do not store or use the remote control near heat sources, at high temperatures or in direct sunlight.
4. Do not use the remote control in a moist, wet or corrosive environment.
5. Remove batteries before storing the remote control for extended periods.
6. Do not mix old and new or different battery types.
7. Dispose of used batteries responsibly and according to applicable regulations.
8. Do not expose the batteries to excessive heat, as batteries exposed to heat may explode or leak.
9. Do not attempt to recharge non-rechargeable batteries.
10. Keep the remote control and batteries out of the reach of children.
11. Ensure that the endpoint is oriented to allow reception of remote control signals and avoid orienting the product such that the IR receiver is directly aligned with fluorescent lighting, which may cause interference with IR remote signals.



TO AVOID ELECTRIC SHOCK, ONLY OPEN THE REMOTE CONTROL TO REPLACE THE BATTERIES. THERE ARE NO USER-SERVICEABLE PARTS INSIDE THE REMOTE CONTROL.

1.2 Regulatory Information

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult SAFARI Montage or your SAFARI Montage authorized dealer for assistance.

Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

1.3 Legal Notices

Copyright © 2015–2017 Library Video Company. All rights reserved.

Library Video Company d/b/a SAFARI Montage reserves the right to revise this user manual and to make changes to it from time to time without obligation on the part of SAFARI Montage to provide notification of any such change. SAFARI Montage provides this user manual without warranty of any kind, either implied or express, including but not limited to the implied warranties of merchantability or fitness for a particular purpose. SAFARI Montage may make improvements in the product(s) described in this manual at any time without notice.

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2. Package Contents

- 1 SAFARI Montage® Endpoint
- 2 Remote control unit with two (2) AAA batteries and RF Receiver *
- 3 AC adapter
- 4 Network cable
- 5 HDMI cable (6 ft.)
- 6 Hook and Loop Strips
- 7 External Wi-Fi Antenna

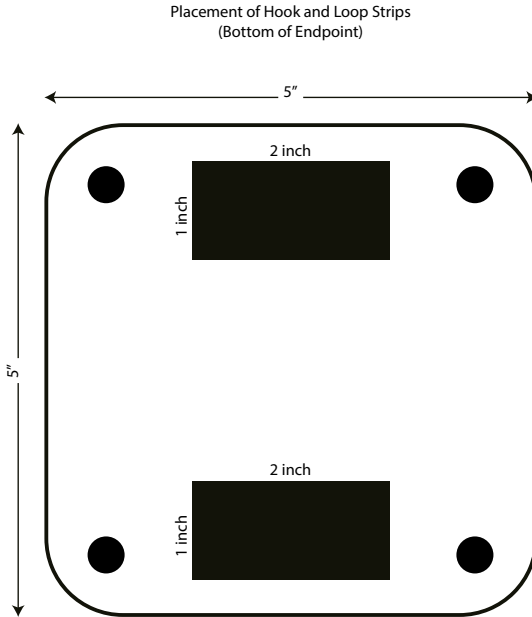


* May be packaged separately.

If any of these items are missing, please stop and contact Technical Support for assistance at [1-800-782-7230](tel:1-800-782-7230).

3. Mounting (optional)

3.1 Mounting Diagram



To mount the device, ensure that the device surface is clean, dry and dust-free. Then, peel away the paper backing from one side of the included hook and loop strip and firmly apply exposed sticky side to the recommended locations shown in the diagram above. Press firmly on the strip for at least sixty (60) seconds. Next, peel away the paper backing from the remaining side and affix newly exposed sticky side firmly to the clean, dry, smooth, non-porous mounting surface of your choosing. Apply firm pressure for at least sixty (60) seconds before releasing.

An additional hook and loop strip has been included and may be used for the power adapter.



- Use caution when selecting a mounting surface and ensure that mounting is consistent with all safety precautions and instructions in this manual.
- Hook and loop strips are not a failsafe mounting method and the device should not be mounted using the strips on a surface from which the device could fall if the fastenings were to come loose or otherwise fail. SAFARI Montage is not responsible for injury to persons or damage to property (including, without limitation, damage to the device) resulting from failed hook and loop strip mountings or for any other reason should the device fall from your mounting location of choice.

4. Installation

NOTE:

SAFARI Montage Endpoints require access to the internet in order to maintain system time, so please ensure that TCP:80, TCP:443 and UDP:123 are open to time.windows.com. Please also ensure that endpoints are able to access local DNS services via port 53 and DHCP services via port 68.

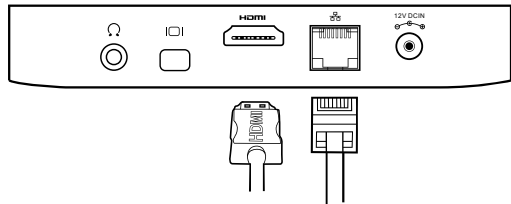
4.1 Connect Endpoint

Connect the Network cable 4 to your network and to the LAN port of the endpoint.

Connect the HDMI cable 5 to your display and to the HDMI port of the endpoint.

Attach external Wi-Fi antenna.

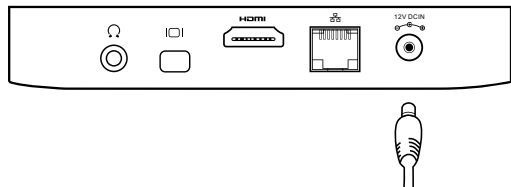
Power on display.



4.2 Apply Power to Endpoint

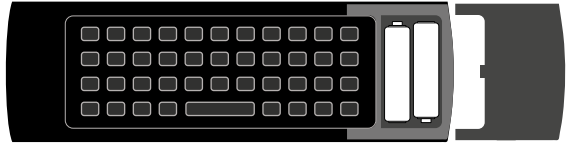
Insert the power cable 3 into the DC IN port on the endpoint and the three-prong grounded plug into electrical outlet.

Note: The endpoint will power on automatically and boot to the initial configuration screen.

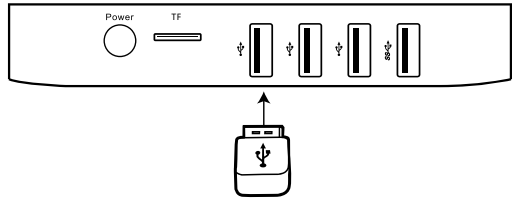


4.3 Prepare Remote Control

Insert the (2) AAA batteries in the remote control.



Insert the RF Remote USB adapter in the first USB 2.0 port (first from left on diagram).

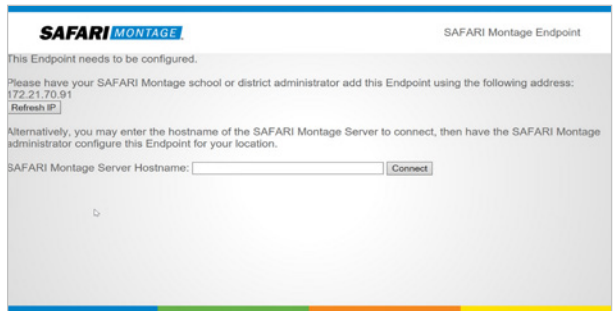


* If connecting the endpoint to an audio amplifier or distribution system, please contact SAFARI Montage for available options.

4.4 Initial Configuration

Initial configuration of the SAFARI Montage Endpoint is completed in just a few steps. Simply connect the endpoint to your network and follow the steps below.

When plugged in, the endpoint will power on automatically, boot to the initial configuration screen, and attempt to obtain a temporary DHCP network address.

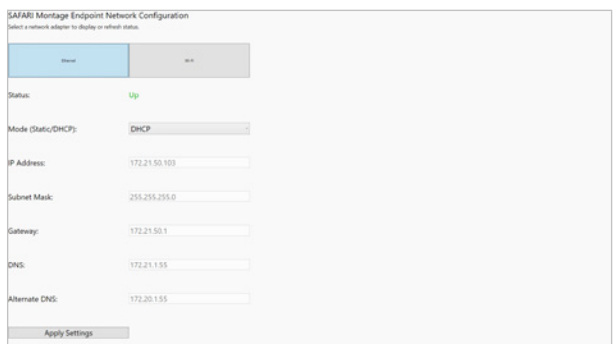


Configure Network Settings

Note that a static IP address is required.

Using the remote or a keyboard, press <Esc> to navigate to the endpoint configuration menu and select "Network".

Complete network configuration and click OK.

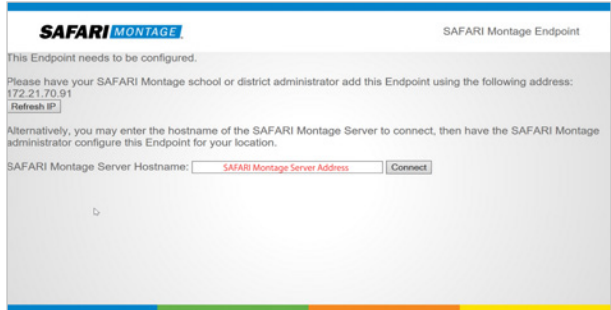


Connect to SAFARI Montage server

Enter the fully qualified hostname of the SAFARI Montage server and click the **Connect** button to add the Endpoint to SAFARI Montage.

The unit will communicate with SAFARI Montage to obtain and install the latest version of the SAFARI Montage Endpoint software.

Please allow a few minutes for the unit to install updates and reboot.



Note: Endpoints may also be added via the SAFARI Montage web UI.

4.5 Additional Settings

Adjust Video Resolution

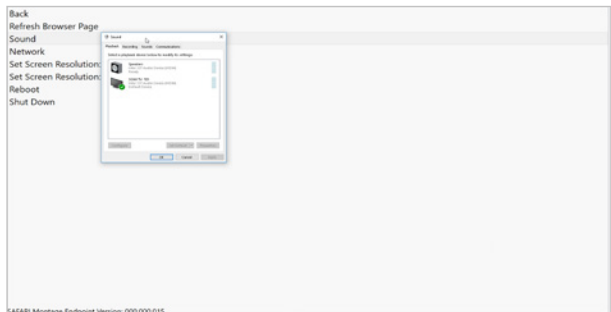
Using the remote or a keyboard, press **<Esc>** to navigate to the endpoint configuration menu and select the desired screen resolution option, either 1920x1080 or 1280x720.



Adjust Audio Settings

Using the remote or a keyboard, press **<Esc>** to navigate to the endpoint configuration menu and select **"Sound"**.

Adjust audio settings as required and click **OK** to exit.



4.6 Complete configuration of the Endpoint with SAFARI Montage

To complete configuration of the endpoint, log in to SAFARI Montage as an administrator, and navigate to [Admin > Pathways SM > Classroom Media Controllers/Endpoints](#) and select School “Unknown”.

Find the Endpoint by IP address or serial number and click the [Edit](#) link.

Enter a descriptive name for the endpoint and select the School and Room to which the endpoint will be assigned, a Default User if appropriate, License Type, Default Display and, if configured as a Digital Sign, the sign to be displayed.

Click on [Save](#) when finished.

The endpoint will now appear when navigating to [Admin > Pathways SM > Classroom Media Controllers](#), under the assigned School's page.

Upon successful registration of the endpoint, it will display the assigned content. If no content has been assigned to the endpoint, it will display a black screen.



Edit SAFARI Montage Endpoint

Endpoint IP Address: 192.168.100.100

Endpoint Name: SM Endpoint

Assigned School: The College of New Jersey

Assigned Room: Library 101

Default User: Student Guest [Select User](#)

License Type: Basic

Default Display: Digital Signage

Select Sign: Fabulous Frogs [School](#) [Preview](#) [Push Sign](#)

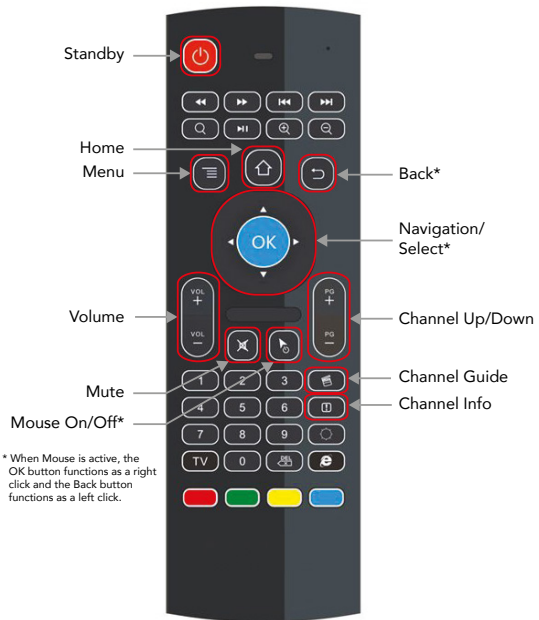
[Save](#)

4.7 Using the Remote Control

The RF remote control is two sided with a traditional remote control on one side and a compact keyboard on the reverse.

The SAFARI Montage Endpoint is designed to be used with the remote control in traditional mode (vs. air mouse mode).

If a floating cursor appears, the remote is in air mouse mode, which may be deactivated by clicking the remote mode toggle button



Button	Function
Standby	Places Endpoint in standby
Home	Displays the default display configured in SAFARI Montage
Menu	Toggles display of the Endpoint configuration menu
Volume	Adjusts the output sound of the Endpoint
Mute	Mutes the output sound of the Endpoint
Mouse	Toggles Mouse Mode on or off
Back	Functions as a back button in traditional mode (Functions as left click when in Mouse Mode)
Navigation/Select	Navigates Channel Guide, Classroom Portal, Menus (OK functions as a right click when in Mouse Mode)
Channel Up/Down	Switches channels
Channel Guide	Displays the SAFARI Montage Channel Guide
Channel Info	Displays information about the channel being viewed

SAFARI Montage Endpoint Operation

For instructions regarding the use of the SAFARI Montage Endpoint, please visit <http://www.SAFARIMontage.com/support>.



5. Troubleshooting

If you have any difficulties with installation or need further information, please visit <http://www.SAFARIMontage.com/support> or call a support representative at 1-800-782-7230, 8 AM – 6 PM ET Monday – Friday.

When calling Technical Support, please have the server and endpoint serial numbers available.

The server serial number can be found by navigating to [Help > About](#) and the endpoint serial number can be found on the packaging label or the bottom of the endpoint.

Serial Number: _____

Date of Purchase: _____

NOTICE:

The information in this installation guide is subject to change without notice. Library Video Company reserves the right to modify the design of its products and change the information in this installation guide.



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