
Software Release Notes

Terra Manager Software 1.4.1

Terra Manager v1.4.1 software replaces Terra Manager Software v1.4.0. This document describes the updates from version 1.4.0 to version 1.4.1.

Affected Products

The following products are affected:

- Christie Terra Controller
- Christie Terra Transmitters
- Christie Terra Receivers

Prerequisites


- None.

Upgrade Instructions

Before upgrading software, it is strongly recommended to perform a backup of the system data using the backup feature on the Global Page in Terra Manager.

To download the Christie Terra System Software, complete the following steps:

1. Do one of the following:
 - If the computer running Terra Manager is running Terra Manager version 1.4.0, skip to step 2.
 - If you are installing a **new Controller that has never been configured and is factory preloaded with Terra Manager version 1.4 or earlier**, Terra Manager version 1.4.0 must first be installed on the control computer. Version 1.4.0 enables you to change the password for the default account. Once the password is updated, the controller can then be upgraded to Terra Manager v1.4.1. Obtain version 1.4.0 from the Christie Sharefile site.
<https://christiedigitalsystems.sharefile.com/Authentication/Login>
Shared Folders→ Customer Downloads→ Terra→ Release→ Archives→ Release 1.4.0 (2020-06-08). Contact Technical Support for user account.
2. Copy link:
<http://downloads.christiedigital.com/website/Documents/Christie-Terra-Software-Version-1-4-1.zip>
3. Paste the link in your web browser.
4. Save the file to the preferred location on your computer.
5. Un-install all current versions of the Terra Manager software using the Windows Programs and Features *Uninstall or change a program* in the Windows control panel.
6. Install new version and log into the controller.

 It is good practice to exit and reopen Terra Manager after a Controller is rebooted.

New Features and Enhancements

- On the "Devices Summary" tab, added the current temperature for each device and an over temperature warning if it is $\geq 80^{\circ}\text{C}$ / 185°F .
- Improved the Multiviewer window positioning when "Snap to grid" is turned off.

- Improved Terra Manager initialization and login speed.

Related Documentation

020-102842-02	Christie Terra Controller Quick Start Instruction Sheet
020-001367-01	Christie Terra Transmitter and Receiver Setup Guide (Multilingual)
020-102838-10	Christie Terra User Manual
020-102837-14	Christie Terra External Protocol JSON API Reference Manual
020-102883-04	Christie Terra XY Switcher User Manual
020-102884-01	Christie Terra XY Switcher API Reference Manual
020-103077-03	Christie Terra Device Configurator User Guide

Corrected Issues

- Corrected an issue where some devices appeared unreachable, requiring the device to be power cycled.

Known Issues

- Aspect ratio setting in the Receiver properties is not functional.
- When the 1G port is disabled in the Device setup page, and a network cable is attached to the device, the LAN LED on the front panel of the device remains on. Additionally, the LED on the port remains on.
- The COPY EDID button is not functional with device firmware versions 3.6 and 4.1.
- The Terra User Manual does not include the addition of the temperature on the Devices Summary tab.
- The JSON SwitchAudio command does not switch between digital audio (flag 0) and analog audio (flag 1) on the RX. Instead, use the GenericVideoAudioSwitch command to switch between digital audio and analog audio.
- The **Allow Full Frame Rate** setting on the Transmitter Properties pane is not functioning properly. Contact Customer Support for a pre-release fix.
- Terra Manager does not support changing the USB filter setting for Transmitters and Receivers beyond software version 1.2.3. The default setting is **Allow All**.

Technical Support

Technical support for Christie products is available at:

- North and South America: +1-800-221-8025 or Support.Americas@christiedigital.com
- Europe, Middle East, and Africa: +44 (0) 1189 778111 or Support.EMEA@christiedigital.com
- Asia Pacific: +65 6877-8737 or Support.APAC@christiedigital.com

Software Release Notes

Terra Manager Software 1.4.0

Terra Manager v1.4.0 software replaces Terra Manager Software v1.3.0. This document describes the updates from version 1.3.0 to version 1.4.0

Affected Products

The following products are affected:

- Christie Terra Controller
- Christie Terra Transmitters
- Christie Terra Receivers

Prerequisites

- None.

Upgrade Instructions

To download the Christie Terra System Software, complete the following steps:

1. Copy link:
<http://downloads.christiedigital.com/website/Documents/Christie-Terra-Software-Version-1-4-0.zip>
2. Paste the link in your web browser.
3. Save the file to the preferred location on your computer.
4. Un-install all current versions of the Terra Manager software using the Windows Programs and Features *Uninstall or change a program* in the Windows control panel.
5. Install new version and log into the controller.

New Features and Enhancements

- Added device Firmware 4.1 that includes improvements in switching speed between layouts, faster API execution of API commands, and cleaner Multiview transitions.
- Added Master Layout feature.
- Added new JSON APIs for Master Layouts.
- Added an option on the Device Action menu to individually factory reset devices
- Added an Advanced properties tab for sources and Transmitters.
- Updated the Device Summary page to include additional device status
- Added a Start/Stop button for Native and Scaled streams with active signals (video, audio, USB, RS232, and IR).
- Added API commands to individually stop Video, Audio, RS232, IR, and USB Streams.
- Enhanced the audio configuration feature so changes are now made in real time
- Added API to "Blink" Devices on and off.
- Added a feature to disable the 1G port on the Devices for security purposes.
- Updated the number of incorrect login attempts to 7 before locking account.
- Added the ability to subscribe to an API message for threat with too many failed

- logins.
- Updated the Restore feature so the Service account password is not changed to default.
 - Added the ability to reset the admin password by connecting a keyboard and mouse to the controller.
 - Added the ability to Alphabetize command list in JSON Tester page.
 - Added the ability to arbitrary arrange Display Array's position using the arrow keys.
 - Added a spinner (please wait) when configuration changes are active to notify users a change is in progress.
 - Updated the icons for IR
 - Added a confirmation message when saving over an existing layout.
 - Changed the color of the Clear All Sources button for Display Arrays to red.
 - Increased Multiviewer Bandwidth trigger to 9.7 Gbps.
 - Added the ability to change a device name in Offline Mode.
 - Renamed the "Automatic" option for the Input setting on Devices Setup Input tab to "Auto Detect".
 - Updated the Configuration page in Terra Manager to automatically highlight step 2 (Displays) if devices are configured.
 - Added new return values (layout_id, rows, columns, aspect_ratio) to the GetDisplayArraysByRange and GetDisplayArrayByID APIs for Widget Designer and third-party control systems.

Related Documentation

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020-001367-01	Christie Terra Transmitter and Receiver Setup Guide (Multilingual)
020-102838-10	Christie Terra User Manual
020-102837-13	Christie Terra External Protocol JSON API Reference Manual
020-102883-04	Christie Terra XY Switcher User Manual
020-102884-01	Christie Terra XY Switcher API Reference Manual
020-103077-03	Christie Terra Device Configurator User Guide

Corrected Issues

- It is now possible to delete virtual devices in offline mode.
- When making changes on the EDID tab, a Save button may be active when a save is not needed. When navigation away from tab, a prompt to save may be displayed, discard changes.
- Pushing an invalid EDID or *.bin formatted EDID file to the Terra system causes the system to hang until the controller is restarted, and Terra Manager is closed and restarted. If you attempt to re-login without restarting Terra Manager, the following message is displayed: *Object reference not set to instance of an object*. Restart Terra Manager to clear this message.
- A notification (pop up) message may be displayed by Terra Manager informing the user of an unexpected disconnection from the controller; such as an unplugged control PC network cable while Terra Manager is left long enough to auto logout.
- "Logging Out" message remains after exiting software and when restarting/resetting controller.
- Fixed an issue with the "Automatic" option for the Input setting on Devices Setup

Input tab. Additionally, this option has been renamed “Auto Detect”.

Known Issues

- When the 1G port is disabled and a cable is attached, the LAN LED on the front panel of the device remains on. Additionally, the LED on the port on the connected switch may remain on.
- Aspect ratio setting in the Receiver properties is not functional.
- COPY EDID button only works with device firmware 3.3.1 and Terra Manager versions 1.2.3 and 1.4.0. COPY EDID button is not functional with Device firmware versions 3.6 and 4.1.
- Entering a value for windows XY position, and window sizing is not functional.
- Terra Manager does not support changing the USB filter setting for Transmitters and Receivers beyond software version 1.2.3. The default setting is **Allow All**.

Technical Support

Technical support for Christie products is available at:

- North and South America: +1-800-221-8025 or Support.Americas@christiedigital.com
- Europe, Middle East, and Africa: +44 (0) 1189 778111 or Support.EMEA@christiedigital.com
- Asia Pacific: +65 6877-8737 or Support.APAC@christiedigital.com

Software Release Notes

Terra Manager Software 1.3.0

Terra Manager v1.3.0 software replaces Terra Manager Software v1.2.3. This document describes the updates from version 1.2.3 to version 1.3.0.

Affected Products

The following products are affected:

- Christie Terra Controller
- Christie Terra Transmitters
- Christie Terra Receivers

Prerequisites

- None.

Upgrade Instructions

To download the Christie Terra System Software, complete the following steps:

1. Copy link:
<http://downloads.christiedigital.com/website/Documents/Christie-Terra-Software-Version-1-3-0.zip>
2. Paste the link in your web browser.
3. Save the file to the preferred location on your computer.
4. Un-install old version(s) of Terra Manager Software.
5. Install new version and log into the controller.

New Features and Enhancements

- Removed Device Configuration from Terra Startup Assistant. Terra Startup Assistant now only configures the primary and backup controllers. Device Configuration is now performed in Terra Manager.
- Enhanced Terra Manager User Interface to guide user to configure system. System configuration is presented in a step-by-step design under the Configuration page in Terra Manager. See the *Terra User Manual* for details.
- Added the ability to expand and collapse Display Arrays.
- Enhanced Audio configuration.
- Enhanced EDID configuration including new EDID files with audio and HDR.
- Added Download API Documents on Global page.
- Added warning dialog to alert user in cases where making changes to layouts causes bandwidth over subscription on a Terra Multiviewer.
- Added warning dialog to alert user in cases where a Transmitter is already scaled in a Multiviewer and another scale request is generated in different Multiviewer.
- Added Security level enhancement requiring user to change default system password.
- Added a Condensed request parameter to GetWindowsForDisplayArray and GetWindowsForDisplayArrayByRange JSON APIs.
- Added Source Name as a response parameter for the GetWindowsForDisplayArray

API command.

Related Documentation

020-102842-02	Christie Terra Controller Quick Start Instruction Sheet
020-001367-01	Christie Terra Transmitter and Receiver Setup Guide (Multilingual)
020-102838-09	Christie Terra User Manual
020-102837-12	Christie Terra External Protocol JSON API Reference Manual
020-102883-04	Christie Terra XY Switcher User Manual
020-102884-01	Christie Terra XY Switcher API Reference Manual
020-103077-03	Christie Terra Device Configurator User Guide

Known Issues

- It is currently not possible to delete virtual devices in offline mode.
- If a Terra Controller (and optional redundant controller) is configured, if Terra Startup Assistant is launched, a continuous spinner is displayed indicating nothing more has been detected.
- Pushing an invalid EDID or *.bin formatted EDID file to the Terra system causes the system to hang until the controller is restarted, and Terra Manager is closed and restarted. If you attempt to re-login without restarting Terra Manager, the following message is displayed: *Object reference not set to instance of an object*. Restart Terra Manager to clear this message.
- A notification (pop up) message may be displayed by Terra Manager informing the user of an unexpected disconnection from the controller; such as an unplugged control PC network cable while Terra Manager is left long enough to auto logout.
- Terra Manager does not support changing the USB filter setting for Transmitters and Receivers beyond software version 1.2.3. The default setting is **Allow All**.

Corrected Issues

- Tags can now be deleted from a device.

Technical Support

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- Europe, Middle East, and Africa: +44 (0) 1189 778111 or Support.EMEA@christiedigital.com
- Asia Pacific: +65 6877-8737 or Support.APAC@christiedigital.com

Software Release Notes

Terra Manager Software 1.2.3

Terra Manager v1.2.3 software replaces Terra Manager Software v1.2.2. This document describes the updates from version 1.2.2 to version 1.2.3.

Affected Products

The following products are affected:

- Christie Terra Controller
- Christie Terra Transmitters
- Christie Terra Receivers

New Features and Enhancements

- None.

Prerequisites

- None.

Upgrade Instructions

To download the Christie Terra System Software, complete the following steps:

1. Copy link:
<http://downloads.christiedigital.com/website/Documents/Christie-Terra-Software-Version-1-2-3.zip>
2. Paste the link in your web browser.
3. Save the file to the preferred location on your computer.
4. Un-install old version(s) of Terra Manager Software.
5. Install new version and log into the controller.

Corrected Issues

- Resolved issue preventing TSIC devices detection.

Known Issues

- Cannot delete a Tag from a device.

Technical Support

Technical support for Christie products is available at:

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- Europe, Middle East, and Africa: +44 (0) 1189 778111 or Support.EMEA@christiedigital.com
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Software Release Notes

Terra Manager Software 1.2.2

Terra Manager v1.2.2 software replaces Terra Manager Software v1.2.1. This document describes the updates from version 1.2.1 to version 1.2.2.

Affected Products

The following products are affected:

- Christie Terra Controller
- Christie Terra Transmitters
- Christie Terra Receivers

New Features and Enhancements

- Updated the GetWindowsForDisplayArray command by adding sourcename and viewindex to the response parameters.

Prerequisites

- None.

Upgrade Instructions

To download the Christie Terra System Software, complete the following steps:

1. Copy link:
<http://downloads.christiedigital.com/website/Documents/Christie-Terra-Software-Version-1-2-2.zip>
2. Paste the link in your web browser.
3. Save the file to the preferred location on your computer.
4. Un-install old version(s) of Terra Manager Software.
5. Install new version and log into the controller.

Corrected Issues

None.

Known Issues

- Cannot delete a Tag from a device.

Technical Support

Technical support for Christie products is available at:

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- Europe, Middle East, and Africa: +44 (0) 1189 778111 or Support.EMEA@christiedigital.com
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Software Release Notes

Terra Manager Software 1.2.1

Terra Manager v1.2.1 software replaces Terra Manager Software v1.2.0. This document describes the updates from version 1.2.0 to version 1.2.1.

Affected Products

The following products are affected:

- Christie Terra Controller
- Christie Terra Transmitters
- Christie Terra Receivers

New Features and Enhancements

- None.

Prerequisites

- None.

Upgrade Instructions

To download the Christie Terra System Software, complete the following steps:

1. Copy link:
<http://downloads.christiedigital.com/website/Documents/Christie-Terra-Software-Version-1-2-1.zip>
2. Paste the link in your web browser.
3. Save the file to the preferred location on your computer.
4. Un-install old version(s) of Terra Manager Software.
5. Install new version and log into the controller.

Corrected Issues

- Resolved issue related to enabling RS232 on the Global page caused the OLED on the front of the controller to stop responding.
- Restored the ability to adjust the Date and Time of the controller on the Global page.

Known Issues

- Cannot delete a Tag from a device.

Technical Support

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- Asia Pacific: +65 6877-8737 or Support.APAC@christiedigital.com

Software Release Notes

Terra Manager Software 1.2.0

Terra Manager v1.2.0 software replaces Terra Manager Software v1.1.0.771. This document describes the updates from version 1.1.0.771 to version 1.2.0.

Affected Products

The following products are affected:

- Christie Terra Controller
- Christie Terra Transmitters
- Christie Terra Receivers

New Features and Enhancements

- Added new EDID files. User can now select and load a pre-generated factory EDID using the EDID tab on the Devices page.
- Firmware 3.6.0.1 available for application on Terra Transmitters and Receivers.
- RS232 tab offers dropdown baud rate selection.
- Added JSON API Tester page accessible from a browser at Controller IP address (`xxx.xxx.xxx.xxx/jsontest`), after enabling the XY HTML Page and JSON API from the global page of Terra Manager. This page has all Terra JSON API commands in a dropdown list. They are presented in simple English, with fields to change parameters. User can view each sent JSON command and response in either RAW JSON format or parsed for ease of reading.
- Streamlined and simplified configuration for backup controller from Terra Manager.
- Restored and improved "Copy and Paste device configurations" from the Devices tab.
- Enhanced GUI UI/UX for readability and user experience.
- Backup controller configuration moved from Terra Startup Assistant to Terra Manager Global page.

Prerequisites

- None.

Upgrade Instructions

To download the Christie Terra System Software Assembly v1.2.0 (474 MB) file, complete the following steps:

1. Copy link:
<http://downloads.christiedigital.com/Documents/Christie-Terra-Software-Version-1-2-0-2443.zip>
2. Paste the link in your web browser.
3. Save the file to the preferred location on your computer.
4. Un-install old version(s) of Terra Manager Software.
5. Install new version and log into the controller.

Corrected Issues

- Resolved issue where logs failed to download, and system response was slow.
- Resolved issue with offline devices not displaying accurately in Devices page.
- Resolved Timing issue causing unexpected Terra Manager client disconnection.
- Escape characters now properly processed in JSON API SendUART command. See *Terra External Control Protocol (JSON) Reference Manual* for details.
- Minimized notifications when a controller shutdown is in process.
- Backup controller configuration process restored.

Known Issues

- Time and Date fields missing from the Global page.
- Cannot delete a Tag from a device.

Technical Support

Technical support for Christie products is available at:

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