

NETWORK RX STATION
PWA-RXS Ver. 2026.1.0

PWA-RXS is a PC application for receiving content sent from a camera.

This Help Guide describes the procedures, operation, and configuration for transferring files and live streaming over the internet from connected compatible cameras, such as Sony XDCAM and Cinema Line, as well as smartphones and portable data transmitters.

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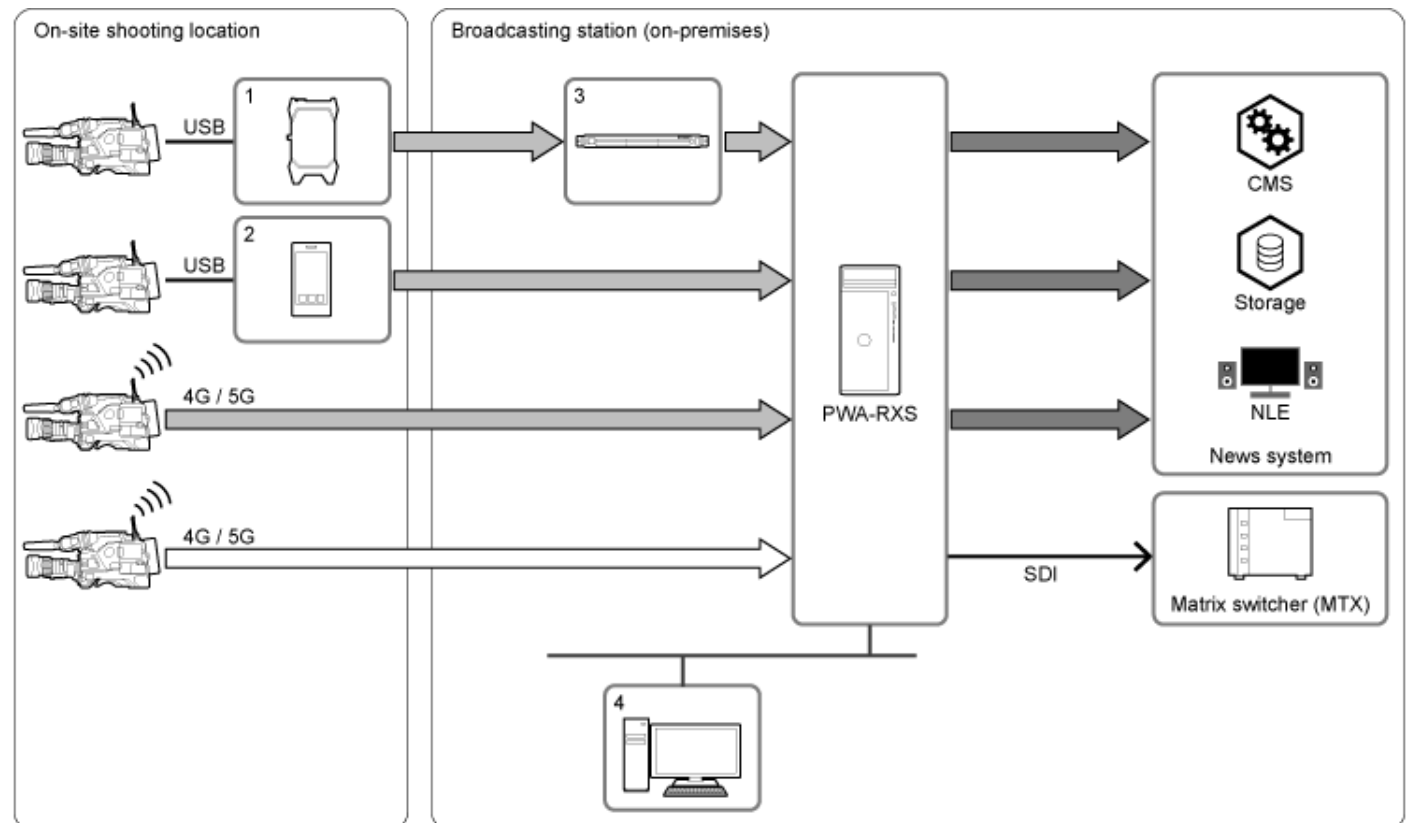
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Features

PWA-RXS is a PC application that allows you to build a camera gateway for receiving content transferred from cameras at an on-site shooting location in an on-premises environment. It supports the building of a variety of content transfer workflows in combination with compatible cameras, such as Sony XDCAM and Cinema Line, smartphones, portable data transmitters, and LiveU transmitters.

The following example shows a system configuration for transferring files and live streaming using PWA-RXS.



■ File transfer

High-reliability, camera-native files recorded by a camera can be transferred directly without processing. Content and metadata can be transferred in a file format compliant with the industry-standard XDCAM format, which supports the transfer of timecode, GPS (location data), and other metadata.

Clips uploaded to PWA-RXS can be transferred (exported) as files to external systems (servers or storage). Uploading is supported using the following three methods.

- Uploading from a camera connected in network client mode
- Uploading from an app (Creators' App for Enterprise) installed on a smartphone or portable transmitter
- Uploading from a LiveU transmitter/receiver

Content can be transferred directly to locations selected by the on-site crew by configuring transfer destinations as presets beforehand.

■ Live streaming

PWA-RXS can receive live video transferred in real time from a camera equipped with a live streaming function and output the video from an SDI connector.

Live streaming in Sony QoS format and SRT format is supported.

Note

- To transmit live streaming from a camera, a camera with network functions is required. For supported cameras, refer to the release notes.

PWA-RXS is comprised by a connection manager that manages the connection between PWA-RXS instances and transmitters, such as cameras, and streaming receivers that receive live streaming video. The connection manager interface can be displayed in a web browser on a client PC, allowing centralized management of multiple connections.

Remarks

- Network services, content, operating systems, and software implemented in or available through PWA-RXS are subject to their own terms of use. Note that services may be interrupted, terminated, or their content changed without prior notice.
- Connect PWA-RXS to the internet via a router or firewall. If connected without such protection, security issues may occur.

Note

- Once a security issue occurs, your product may suffer damage caused by malware (malicious software) via the Internet and be exposed to security threats, such as extraction or tampering of content or customer's information. Your product may also cause damage to network services without your knowledge.

Related Topic

- [Supported Formats](#)

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Setup and Operation Flow

Perform setup and operation in the following sequence to use PWA-RXS.

1 Setup

1. **Configuring network settings**
Install PWA-RXS and connect to the network. An internet connection is required to connect cameras in the field (shooting site) to PWA-RXS. Also, the router, firewall, and transmitters, such as cameras, must be configured. For details about configuration, refer to the “System Integration Guide.”
2. **Installing an SSL/TLS certificate**
An SSL/TLS certificate issued by a certificate authority (CA) is required to use PWA-RXS. Install the SSL/TLS certificate obtained from the certificate authority on the connection manager PC. For details about installation, refer to the “System Integration Guide.”
3. **Configuring PWA-RXS**
Configure the following settings on the connection manager.
 - **Configuring the connection manager**
Configure the authentication information required for connecting to systems (such as account settings) and transmitters/receivers.
 - **Configuring external file transfer (export)**
Configure destination servers and transfer presets as file transfer destinations. Then assign transfer presets to transmitters.
 - **Configuring an FTP server**
Configure an FTP server for receiving files uploaded from transmitters.
 - **Applying licenses**
Register or update purchased licenses.
4. **Configuring live streaming receivers**
 - **Registering streaming receivers**
Register streaming receivers with the connection manager using the Initialization Tool.
 - **Configuring receive/output settings on the connection manager**
Configure the live streaming output on the connection manager.

2 File transfer operation

Do one of the following, depending on the type of transmitter.

- Setting a camera to network client mode
- Configuring the smartphone app (Creators' App for Enterprise)
- Configuring LiveU transmitters/receivers
- Starting file transfer

3 Live streaming operation

- Setting a camera to network client mode

- Configuring live streaming using SRT
- Starting live streaming

4 Other operations

Perform the following, as required.

- Displaying the camera control screen
- Displaying shooting locations on a map
- Transferring camera clips

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Launching the Admin Screen of the Connection Manager

Use the following procedure in a web browser on a client PC connected to the same network as the PWA-RXS PC to connect to the connection manager.

Only Windows or Mac client PCs are supported.

Supported web browsers

- Google Chrome
- Microsoft Edge

Use the latest version of the web browser.

1 Launch the web browser.

2 Enter “https://<SSL/TLS_certificate_host_name>” in the address field.

Enter a host name that matches “Common Name” or “Subject Alternative Name” of the SSL/TLS certificate.
If the host cannot be accessed using “https://<SSL/TLS_certificate_host_name>” from the local network, register the host name configured on the SSL/TLS certificate and the PWA-RXS IP address in the hosts file (Windows: C:\Windows\System32\drivers\etc\hosts, Mac: /private/etc/hosts). After registering, check that the host can be accessed.

3 Enter the user name and password to sign in.

The user name upon initial installation is “Admin” and the password is “123456.” You must change the password the first time you sign in.

After signing in, the Live Streaming screen of the connection manager appears.

To sign out from the connection manager

Select the account icon at the top right of the screen and select [Sign Out] from the pull-down menu. The sign in screen appears again.

Note

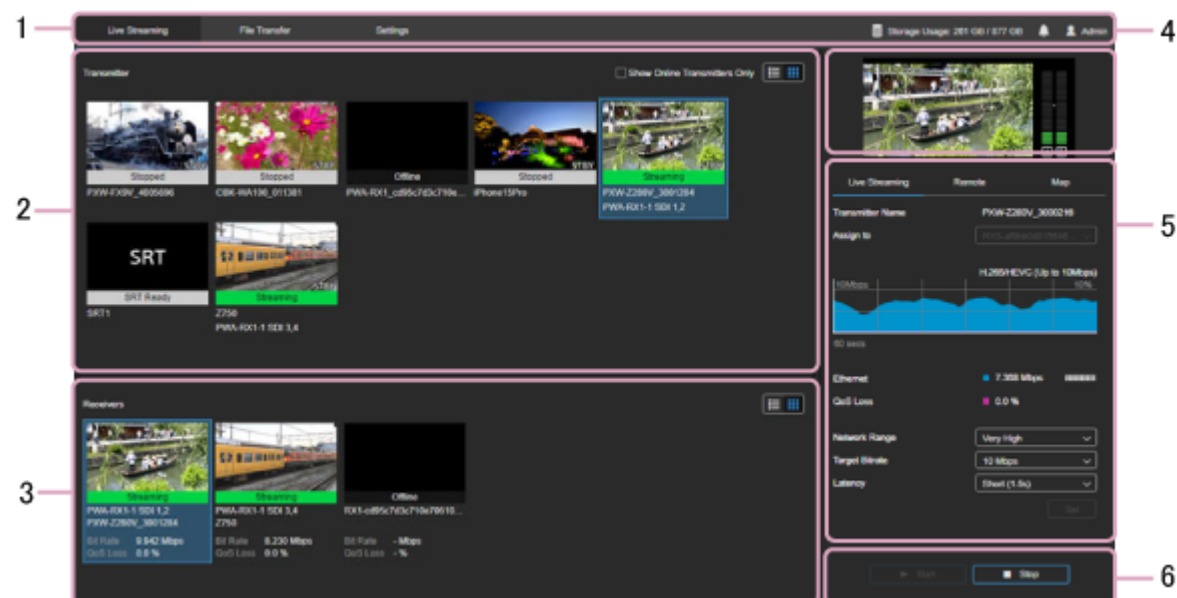
- Before access from a web browser, an SSL/TLS certificate must be configured on the connection manager PC.
- Up to 20 users can be signed in simultaneously. If the maximum number has been reached, an error message will appear when a user attempts to sign in. If a user has system administrator permission, a [Release] button is displayed. Click the [Release] button to terminate all sessions.
- For security reasons, be sure to change the password regularly. Furthermore, we recommend setting a password that is difficult for others to guess, is sufficiently long, and is stored in a safe location.

Related Topic

- [Structure of the Live Streaming Screen](#)
- [Structure of the Settings Screen](#)
- [Starting Live Streaming](#)

Structure of the Live Streaming Screen

The Live Streaming screen displays the devices that perform live streaming and controls for starting/stopping live streaming.



1. Global header

Click the tabs and icons to move between screens.

- Live Streaming: Displays the Live Streaming screen.
- File Transfer: Displays the File Transfer screen.
- Settings: Displays the Settings screen.
- (Used storage capacity): Displays the used storage capacity.
- (Warning): Warns you that the expiration date for the SSL/TLS certificate for connecting to the admin screen of the connection manager is approaching. Update the SSL/TLS certificate as described in the “System Integration Guide.”
- (Notification): Displays a notification about the license expiration date.
- (User name): Use the pull-down menu to display the online Help, view the terms of service, or sign out.

2. Transmitter area

Displays the live streaming output transmitters in thumbnail view or list view.

In thumbnail view, the thumbnails and the following information are displayed. The transmitting device recording status ([REC] for recording, [STBY] for standby) is also displayed on the thumbnails.

- Live streaming status: Streaming, Unstable, Stopped, Reserved, Disabled, Offline, SRT Ready
- Transmitting device name: Camera model name or SRT Caller name
- Receiving device name: RXS-(serial No.)

In list view, the names of transmitting devices and names of receiving devices are displayed.

- [Show Online Transmitters Only] checkbox: Displays online (including SRT Ready) transmitters only.
- (List view): Displays the transmitters in list view.
- (Grid view): Displays the transmitters in thumbnail view.

3. Receiver area

Displays the live streaming receiving devices in thumbnail view or list view.

In thumbnail view, the thumbnails and the following information are displayed. The  (File output) icon is displayed on the thumbnails when live streaming video is saved to a file on the PWA-RXS side. The  (RTMP output) icon is displayed on the thumbnails when RTMP output is enabled.

- Live streaming status: Streaming, Unstable, Stopped, Reserved, Disabled, Offline, SRT Ready
- Transmitting device name: Camera model name or SRT Caller name
- Receiving device name: RXS-(serial No.)
- Bit rate
- Live streaming loss rate

In list view, the names of transmitting devices and names of receiving devices are displayed.

-  (List view): Displays the devices in list view.
-  (Grid view): Displays the devices in thumbnail view.

4. Preview area

Displays a preview of the live streaming content from the device selected in the transmitter area.

Note

- There is short delay between the display of the preview display and the SDI output.
- The preview display refresh time differs from that of the SDI output.

5. Settings area

Configures live streaming settings for the selected transmitter.

[Live Streaming] tab

- Transmitter Name: Displays the name of the live streaming device.
- Assign to: Selects the PWA-RXS and SDI port streaming output destination. Cannot be modified while live streaming is in progress.
- Graph: Displays the variation in the bit rate and live streaming loss rate, and the codec.
- Carrier: Displays the name of the network carrier used for communication with the camera and the bit rate. The information displayed varies depending on the connected camera and camera status.
- QoS Loss: Displays the live streaming loss rate.
- Network Range: Selects the live streaming resolution and maximum bit rate. [Very High], [High], [Middle], or [Low] can be selected. The values available for selection vary depending on the connected camera and camera status.
- Target Bitrate: Selects the target bit rate when [Live Streaming] > [Use Target Bitrate Setting] is selected on the [Connection Manager] tab of the Settings screen. The bit rate options available for selection vary according to the [Network Range] setting.
- Latency: Selects the live streaming delay time. [Very Short(0.7s)], [Very Short(1s)], [Short(1.5s)], [Middle(3s)], [Long(5s)], or [Very Long(10s)] can be selected (the displayed delay time is an estimate. The actual delay time may vary due to the added network delay).
- [Set] button: Applies changes to the [Network Range], [Target Bitrate], and [Latency] settings.

Note

- When using SRT, [Network Range], [Target Bitrate], and [Latency] cannot be configured. The receiver settings on the Settings screen and the settings on the SRT caller side are used.

[Remote] tab

Note

- Each function is enabled only for supported cameras.

- The displayed buttons, switches, and control panels vary depending on the connected camera.

- [Camera Control] switch: Enables remote control of the camera.
- [Proxy Rec] switch: Sets whether to record a proxy file on the camera.

[Map] tab

Note

- This function is enabled only for supported cameras.
- [Show Map] button: Displays the current location of the camera on a map.

6. Live streaming control area

Controls live streaming operation.

- [Start] button: Starts live streaming. When using SRT, the receiver goes online in SRT listener mode. Follow the instructions on the screen to start live streaming from the SRT caller.
- [Stop] button: Stops live streaming.

Related Topic

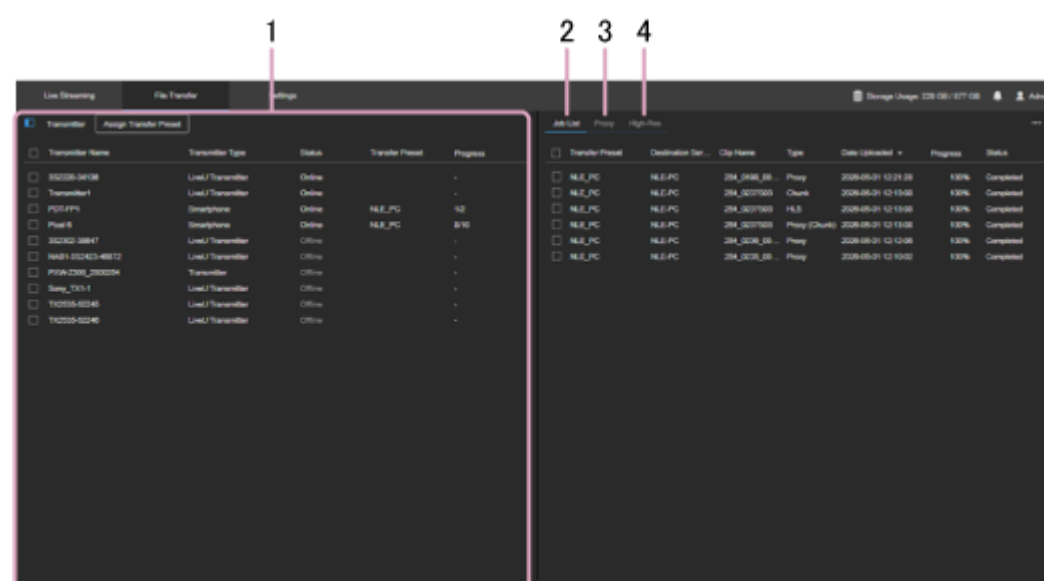
- [Starting Live Streaming](#)
- [Structure of the File Transfer Screen](#)
- [Structure of the Settings Screen](#)
- [Supported Formats](#)

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Structure of the File Transfer Screen

Use the File Transfer screen to assign a transfer preset (export destination for files uploaded to PWA-RXS) for each transmitter (camera, app installed on smartphone/portable data transmitter (Creators' App for Enterprise), or LiveU transmitter). You can also check the upload status from the transmitter to the PWS-RXS, and the progress of transfer jobs (export process from the PWS-RXS to the external destination server).

For details about configuring the destination server, see “Configuring the Destination Server.” For details about configuring transfer presets, see “Configuring Transfer Presets.”



1. [Transmitters] area

Displays the file transfer transmitters in list view.

- [Assign Transfer Preset] button: Assigns transfer presets to transmitters.

2. [Job List] tab

Use to check the status and progress of file transfer jobs from PWS-RXS to the external destination server and to manage the process.

3. [Proxy] tab

Displays a list of proxy clips for transmitters that are cameras connected in network client mode. Select the clips to upload to PWA-RXS by placing a check mark in the checkbox for each clip.

The file upload destination is the internal FTP server of PWA-RXS.

- [Transfer] button: Uploads the selected clips to PWA-RXS.

4. [High-Res] tab

Displays a list of high-resolution clips for transmitters that are cameras connected in network client mode. Only clips recorded in parallel (proxy clips recorded simultaneously) can be previewed. Select the clips to upload to PWA-RXS by placing a check mark in the checkbox for each clip.

The file upload destination is the internal FTP server of PWA-RXS.

- [Transfer] button: Uploads the selected clips to PWA-RXS.

Related Topic

- [Configuring a Destination Server](#)
- [Configuring a Transfer Preset](#)
- [Assigning a Transfer Preset to a Transmitter](#)

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Structure of the Settings Screen

Use the Settings screen to configure the connection manager, transmitters (cameras, app installed on smartphones/portable data transmitters (Creators' App for Enterprise), or LiveU transmitters), and receivers. Use the tabs at the top of the screen to switch between pages.

[Connection Manager] tab

Configures connection manager settings.

[System]

- Connection Manager Name: Enter the name of the connection manager.
- Language: Selects the display language of the connection manager.
- User Name (1): Enter the administrator user name for signing in to the connection manager.
- Password (1): Enter the password for the user name above.
- User Name (2) / User Name (3): Enter a general user name for signing in to the connection manager. Two general users can be configured.
- Password(2) / Password(3): Enter the password for the user names above.
- Permission: Sets the privileges for each user. Place a check mark to grant privileges.
 - Live Streaming Viewer: Grants permission to view live streaming to a user.
 - Live Streaming Manager: Grants permission to control live streaming to a user.
 - File Transfer Manager: Grants permission to control file transfer to a user.
 - System Administrator: Grants permission to manage settings to a user.

[Credential]

Configures the settings for signing in to the connection manager from transmitters and receivers.

Transmitter

- User Name (1) / User Name (2): Enter a user name for signing in to the connection manager from a camera. Two users can be configured.
- Password(1) / Password(2): Enter the password for the user names above.

- Port: Sets the TCP port number used when connecting to the connection manager from a camera.

If [Transmitter] items are changed, reconnect each camera after saving the settings.

Receiver

- User Name: Enter a user name for signing in to the connection manager from PWA-RXS that is receiving live streaming.
- Password: Enter the password for the user name above.
- Port: Sets the TCP port number used when connecting to the connection manager from PWA-RXS that is receiving live streaming.

If [Receiver] items are changed, run the Initialization Tool on the PC on which PWA-RXS is installed after saving the settings, then reconnect.

[Destination Server]

Configures a destination server for transferring clips uploaded from transmitters to an external server.

For details about configuring destination server settings, see “Configuring a Destination Server.”

[Transfer Preset]

Configures multiple destination servers and transfer settings as transfer presets.

For details about configuring a transfer preset, see “Configuring a Transfer Preset.”

[FTP]

Configures the FTP server of PWA-RXS that receives clips uploaded from transmitters.

- Server Name: Displays the FTP server name.
- Host Name / IP Address: Enter the IP address or host name for accessing PWA-RXS (internal FTP server) from the Internet.
- Port: Enter the control port of the FTP server for accessing PWA-RXS (internal FTP server) from the Internet.
- Start Port for FTP Passive Mode: Enter the passive mode data port of the FTP server for accessing PWA-RXS (internal FTP server) from the Internet.

[Live Streaming]

- Use Target Bitrate Setting: Specifies whether to enable manual setting of the target bit rate in the settings area of the Live Streaming screen. Placing a check mark in the checkbox enables you to select a [Target Bitrate] value, depending on the [Network Range] setting in the settings area.
- Enable HEVC (H.265) Codec: Place a check mark in the checkbox to use H.265/HEVC. H.265/HEVC transmission is not performed if H.265/HEVC is not supported by the transmitter device or if H.265/HEVC is not enabled on the transmitter device.

[License]

Displays a list of licenses. Can be used to check the status and valid period of licenses.

- [Get DEVICE.DAT] button: Obtain the “DEVICE.DAT” file required when creating an installation key file using Upgrade and License Management Suite.
- [Install] button: Installs the installation key file created using Upgrade and License Management Suite.

[Dashboard]

Displays the live streaming usage status.

- Live Streaming Time: Displays the cumulative live streaming time in graph view.

- Live Streaming Performance: Displays the live streaming history in graph view. You can click the graph area and zoom in/out using the mouse wheel. You can drag left/right to scroll the range of the graph.

[Maintenance]

- Connection Manager Version: Displays the software version of the connection manager.
- Connection Manager Settings: Click the [Backup] button to back up the configuration file. The backup file is output to the /opt/sony/c3p/backup folder. For details about backing up and restoring, refer to the “System Integration Guide.”

[Auto Delete Clip Settings]

Configures auto deletion of clips.

[Creators' App for Enterprise]

Displays a list of smartphones on which Creators' App for Enterprise is installed and is connected to PWA-RXS.

To manage smartphones on which Creators' App for Enterprise is installed

When a user with [File Transfer Manager] permission signs in to PWA-RXS from Creators' App for Enterprise, their smartphone and information from Creators' App for Enterprise are automatically added to the list. They cannot be added using PWA-RXS.

To delete a smartphone from the list, place a check mark beside the smartphone to delete and click the  (Delete delete) button.

- [Delete uploaded clips automatically]
 - [ON]: Automatically deletes clips on smartphones after the clips have been uploaded from Creators' App for Enterprise to PWA-RXS.
 - [OFF]: Does not delete clips on smartphones after the clips have been uploaded from Creators' App for Enterprise to PWA-RXS.
 - [Set behavior by app]: Follows the settings configured in Creators' App for Enterprise on each device.

Note

- This setting is applied to smartphones when signing in from Creators' App for Enterprise.

[LiveU Central]

To upload clips from a LiveU transmitter, you must connect to LiveU Central and retrieve information about the LiveU transmitter/receiver. Information for connecting to LiveU Central can be obtained from LiveU.

Enter the following information to connect to LiveU Central.

- API Endpoint
- API Key
- Application ID
- Authorization

Use the following buttons after entering the connection information.

- [Connection Test] button
Runs a test to determine whether you can connect to LiveU Central using the entered connection information.
- [Save LiveU Central Settings] button
Saves the connection information.

[Transmitter] tab

Configures transmitter (cameras, SRT Caller) settings.

-  (Add transmitter) button: Adds a transmitter. Click the button to add one line to the transmitter settings. Enter a name and select a group. When finished the configuration, click the [Save Transmitter Settings] button.

- Transmitter Name: Enter the name of the transmitter for display in the connection manager.
- Group: Selects the group to which the transmitter belongs.
- Model Name: Displays the model name of the transmitter.
- Serial No.: Displays the serial number of the transmitter.
- Software Version: Displays the software version of the transmitter.
- Registration Status: Displays/sets the license status of the transmitter. To allow connection of a transmitter, change the status to “registered.”
 - pending: Registration pending status when the transmitter attempts to connect.
 - registered: Transmitter is registered, but not connected.
 - ready: Transmitter is registered and connected.
-  (Delete) button: Deletes the transmitter from the list.
- [Edit Group]: Edits groups.

[Receiver] tab

Configures PWA-RXS settings for receiving live streaming.

List

- Receiver name: Displays the name for display in the connection manager.
- Model Information: Displays the model name and serial number.
- Software Version: Displays the software version of the connection manager.
- SDI Information: Displays version information about the SDI input/output board installed in the PC.
-  (Delete) button: Deletes a PWA-RXS from the list.

Item

- Receiver Name: Enter the name for display in the connection manager.
- Host Name / IP Address: Enter the IP address or host name for accessing PWA-RXS from the Internet.
- Start Port for Live Streaming: Enter the number of the first UDP port used for receiving live streaming from the Internet.
- SRT Listener Ports : Displays the receive port number used when outputting to SDI if receiving using SRT. Selected from the range in [Start Port for Live Streaming].

SDI Settings

- Resolution: Selects the output video resolution.
- Frame Rate: Selects the output video frame rate.
- Reference Lock: Displays the external sync signal settings and lock status for locking to the SDI output. “Auto” is always displayed as the setting.
- Output Signal: [Black], [Color Bar], or [User Image] can be specified as the output image when live streaming is stopped. If [User Image] is specified, specify an image file for display as the output image (1920×1080 resolution JPEG or BMP image) using the Initialization Tool.
- SDI Port Name: The SDI port can be renamed. The number of ports displayed will vary depending on the SDI board installed in the PC.

SRT Listener Settings

Configures SRT receive settings. Match to the settings on the SRT caller side.

- Resolution: Displays the expected screen size of the input video. Displays the same resolution value as the SDI settings.
- Frame Rate: Displays the expected frame rate of the input video. Displays a value corresponding to the frame rate in the SDI settings.
- Codec: [Auto] is always displayed.
- Latency (20 - 8000 ms): Sets the latency in the range 20 to 8000 milliseconds. You can set the latency separately on both the SRT Caller side and SRT Listener side, but the larger of the two values will be used.

- Encryption Type: Enables/disables encryption and selects the encryption method. AES-128 corresponds to pbkeylen=16 and AES-256 corresponds to pbkeylen=32. When encryption is enabled, only live streams that are encrypted with the same method can be received.
- Passphrase: Enter the passphrase used for encryption.

Output Option

Selects options for output of the received live streaming.

- SDI Output Only: Output on SDI connector only.
- File Output: Enable file output.
- RTMP Output: Enable RTMP output.

Note

- PWAL-RXSSY (Network RX Station SDI Output License) is required for SDI output.

File output settings

- Mode: Selects the method for saving video during live streaming to a file.
 - Sync with Live Streaming: Starts saving to a file when live streaming starts.
 - Sync with Rec Flag: Starts/stops saving to a file in sync with the REC/STOP flag sent from the camera.
- Save Location: Displays the file save destination.

Note

- The file save destination is “/opt/sony/c3p/rx-server/out/” (fixed).

- Delete recorded clips automatically: Specifies whether to enable automatic deletion of saved files. To enable automatic deletion, set to the on-state and specify the number of days to keep files and the schedule for deletion.

RTMP output settings

- Stream URL: Enter the URL of the RTMP output destination (for example, rtmp://rtmp.example.com:1935/live). For RTMPS output, specify “rtmps://” in the URL (for example, rtmps://rtmps.example.com:443/live).
- Stream Name / Key: Enter the live stream name or key.
- Resolution: Selects the RTMP output resolution.
- RTMP Authentication: Place a check mark in the checkbox if authentication will be required.
- User Name: If [RTMP Authentication] is enabled, enter a user name.
- Password: If [RTMP Authentication] is enabled, enter a password.

Related Topic

- [Structure of the Live Streaming Screen](#)
- [Configuring Receive/Output Settings on the Connection Manager](#)
- [Configuring a Destination Server](#)
- [Configuring a Transfer Preset](#)

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Configuring System Settings

Configure connection manager settings from the admin screen of the connection manager.

- 1 Select **[Settings]** > **[Connection Manager]** tab > **[System]** from the global header of the connection manager.
- 2 Enter a name for the PWA-RXS instance in **[Connection Manager Name]**.
- 3 Select the display language for the connection manager using **[Language]** if you want to change the language.
- 4 Enter the user name and password of the administrator for signing in to the connection manager in **[User Name (1)]** and **[Password (1)]**, respectively.
- 5 Enter the user name and password of general users in **[User Name (2)]** / **[User Name (3)]** and **[Password (2)]** / **[Password (3)]**, respectively. You can also configure the access privileges of general users on the same screen.

Use the same user name and password configured here when signing in to PWA-RXS from a smartphone app (Creators' App for Enterprise). Users will need to have **[File Transfer Manager]** permission.
- 6 Click **[Save Connection Manager Settings]** to save the settings.

Related Topic

- [Structure of the Settings Screen](#)
- [Configuring Credentials](#)

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Configuring Credentials

Configure the credentials required when connecting to the connection manager from cameras and receivers.

- 1 Enter the user name and password of users for signing in to the connection manager from cameras in [User Name (1)] / [User Name (2)] and [Password (1)] / [Password (2)], respectively, under [Credential] > [Transmitter] on the [Connection Manager] tab.
- 2 Enter the user name and password of a user for signing in to the connection manager from receivers in [User Name] and [Password], respectively, under [Credential] > [Receiver].
- 3 Click [Save Connection Manager Settings] to save the settings.

Related Topic

- [Structure of the Settings Screen](#)
- [Configuring System Settings](#)

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External File Transfer (Export) Setup Workflow

Configure settings for transferring (exporting) clips uploaded from a transmitter to PWA-RXS as external files. Configure settings in the following order.

- 1 **Configure a destination server.**
 - 2 **In the transfer preset settings, select the destination server configured above and configure a transfer preset.**
 - 3 **After configuring a transfer preset, assign the transfer preset to a transmitter on the File Transfer screen.**
-

Related Topic

- [Configuring a Destination Server](#)
- [Configuring a Transfer Preset](#)
- [Assigning a Transfer Preset to a Transmitter](#)

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Configuring a Destination Server

Configure an external file transfer destination server. Three types of servers can be configured as the destination server: FTP server, SMB server, and S3 bucket.

- 1 Select [Settings] > [Connection Manager] tab > [Destination Server] from the global header of the connection manager.
- 2 Click the [+] (Add destination server) button, enter a name for the server, and click the [Save] button.
- 3 Select the type of server in [Server Type].
You can select FTP server, SMB server, or S3 bucket. Selecting a server type will display the fields for configuring the connection information.
- 4 Configure the information for connecting to the destination server.
- 5 Click the [Connection Test] button to check the connection.
- 6 After checking the connection, click the [Save Destination Server Settings] button to save the server settings.

FTP server settings

The screenshot shows the 'Destination Server Setting' dialog box. At the top, the title is 'Destination Server Setting'. Below it, there is a 'Server Type' dropdown menu set to 'FTP Server'. The main area contains several input fields: 'Host Name / IP Address' with a placeholder 'Host Name / IP Address enter please.', 'Port' with a placeholder 'Port enter please.', 'User Name' with a placeholder 'User Name enter please.', and 'Password' with a placeholder 'Password enter please.'. Below these is a 'Use FTPS' section with two radio buttons, 'ON' (selected) and 'OFF'. The 'CA Certificate (PEM)' section shows a text area with '—BEGIN CERTIFICATE—' and two buttons, 'Clear' and 'Select'. At the bottom, there is a 'Verify Certificate' section with two radio buttons, 'ON' (selected) and 'OFF'. At the very bottom of the dialog are three buttons: 'Cancel', 'Connection Test', and 'Save Destination Server Settings'.

S3 bucket settings

Destination Server Setting

Server Type S3 Bucket

AWS Region *AWS Region enter please.*

Bucket Name *Bucket Name enter please.*

Access Key ID *Access Key ID enter please.*

Secret Access Key *Secret Access Key enter please.*

Cancel Connection Test Save Destination Server Settings

SMB server settings

Destination Server Setting

Server Type SMB Server

Protocol ☐ SMB v2 ☒ SMB v3

Server Name *Server Name enter please.*

User Name *User Name enter please.*

Password *Password enter please.*

Enable Encryption ☐ Enable

Root Directory *Root Directory enter please.*

Cancel Connection Test Save Destination Server Settings

Related Topic

- [Structure of the Settings Screen](#)

TP1002494883

Configuring a Transfer Preset

Select a destination server configured previously, configure transfer options and transfer destination folder, and save the transfer preset settings.

- 1 Select **[Settings]** > **[Connection Manager]** tab > **[Transfer Preset]** from the global header of the connection manager.
- 2 Click the **[+]** (Add transfer preset) button, enter a name for the preset, and click the **[Save]** button.
- 3 Select the configured destination server.
- 4 Select transfer options.
 - Replace symbols with "_" (Underscore)
 - Transfer NRT Metadata
 - Processing when file name is duplicated
 - Transfer (Overwrite File)
 - Transfer (Rename File)
 - Not Transfer File
 - Target File Type
 - Proxy (MP4)
 - High-Res (MXF / MP4)
 - HLS
 - Proxy from Chunk (MP4)
 - Destination Folder
 - Any String
 - Camera Name
 - Date Uploaded (YYYY-MM-DD)
 - Media Type (Proxy / High-Res / Chunk / HLS)
- 5 Click **[Save Transfer Preset Settings]** to save the settings.

Destination Server Name ▲	Server Type
☒ NLE-PC	SMB Server
☐ SMB(EC2)	SMB Server
☐ SMBv3	SMB Server

Option

☐ Replace symbols with "_." (Underscore)

☒ Transfer NRT Metadata

Processing when file name is duplicated: Transfer (Overwrite File) ▼

Target File Type

☒ Proxy (MP4)

☒ High-Res (MXF / MP4)

☒ HLS

☒ Proxy from Chunk (MP4)

Destination Folder

Any String ▼ Enter folder name Add Folder

📁 \$(DATE) / \$(CAMERA) / \$(MEDIATYPE)

\$(DATE)

\$(CAMERA)

\$(MEDIATYPE)

Cancel Save Transfer Preset Settings

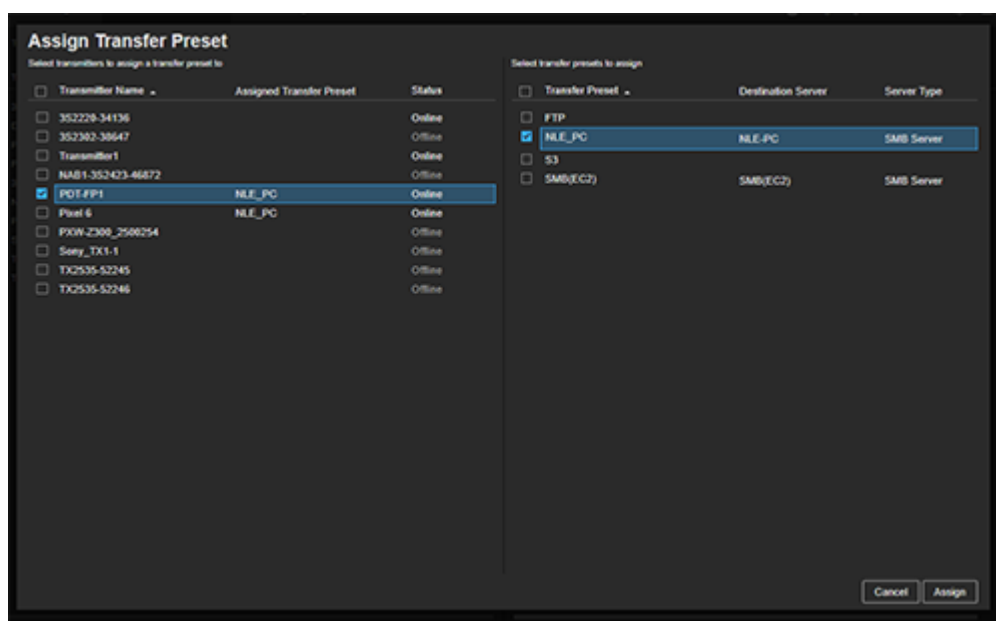
Related Topic

- [Structure of the Settings Screen](#)

TP1002494884

Assigning a Transfer Preset to a Transmitter

- 1 Select [File Transfer] in the global header of the connection manager to display the File Transfer screen.
- 2 Click the [Assign Transfer Preset] button.
The [Assign Transfer Preset] dialog appears.
- 3 Select a transmitter and a transfer preset, and click the [Assign] button.



Related Topic

- [Structure of the File Transfer Screen](#)

TP1002494885

Configuring the Internal FTP Server

Clips are uploaded by FTP from transmitters to PWA-RXS. Configure the internal FTP server of PWA-RXS as the upload destination.

- 1 Select [Settings] > [Connection Manager] tab > [FTP] from the global header of the connection manager.
- 2 Configure the FTP Information.
 - Server Name (display only)
 - Host Name / IP Address
 - Port
 - Start Port for FTP Passive Mode
- 3 Click the [Save Connection Manager Settings] button.

Related Topic

- [Structure of the Settings Screen](#)

TP1002494886

Required Licenses

Licenses must be purchased and registered to use PWA-RXS.

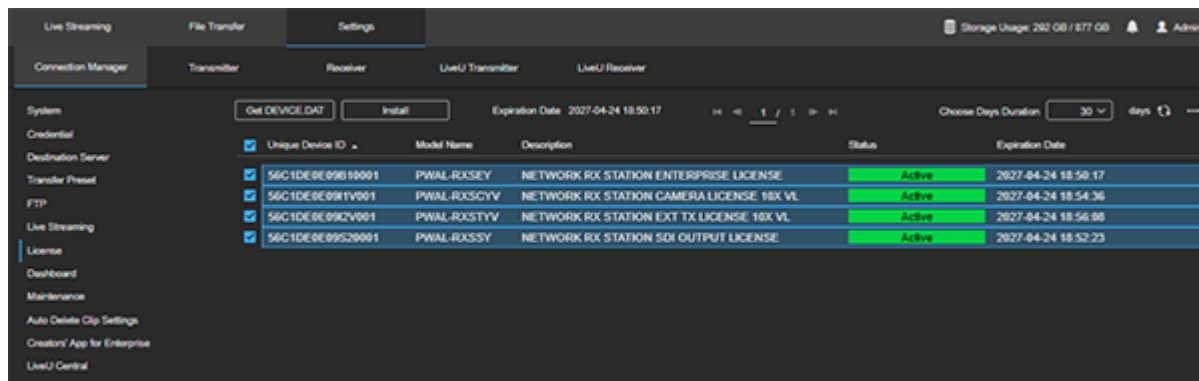
Prepare the licenses that are required according to your system configuration and the number of transmitter inputs to PWA-RXS.

Model	License name	Period	Description
PWAL-RXSXM	Network RX Station Express License	1 month	Basic configuration package product - Up to two inputs are supported (file upload from a camera via Creators' App for Enterprise or file upload via LiveU transmitter/receiver) - Expansion of number of inputs or functions via option licenses is not supported.
PWAL-RXSEY	Network RX Station Enterprise License	1 year	Base license for customized configurations - Up to two inputs are supported (file upload from a camera via Creators' App for Enterprise or file upload via LiveU transmitter/receiver) - Expansion of number of inputs or functions is supported by adding option licenses.
PWAL-RXSCY	Network RX Station Camera License	1 year	Option license for adding a file upload input from a camera via Creators' App for Enterprise or for adding a live streaming input directly from a camera
PWAL-RXSTY	Network RX Station EXT TX License	1 year	Option license for adding a file upload input from a camera via a third-party transmitter
PWAL-RXSSY	Network RX Station SDI Output License	1 year	Option license for adding a live streaming SDI output function
PWAL-RXSCYV	Network RX Station Camera License 10x VL	1 year	Volume license set of 10 Network RX Station Camera Licenses
PWAL-RXSTYV	TX1 Network RX Station EXT TX License 10x VL	1 year	Volume license set of 10 Network RX Station EXT TX Licenses

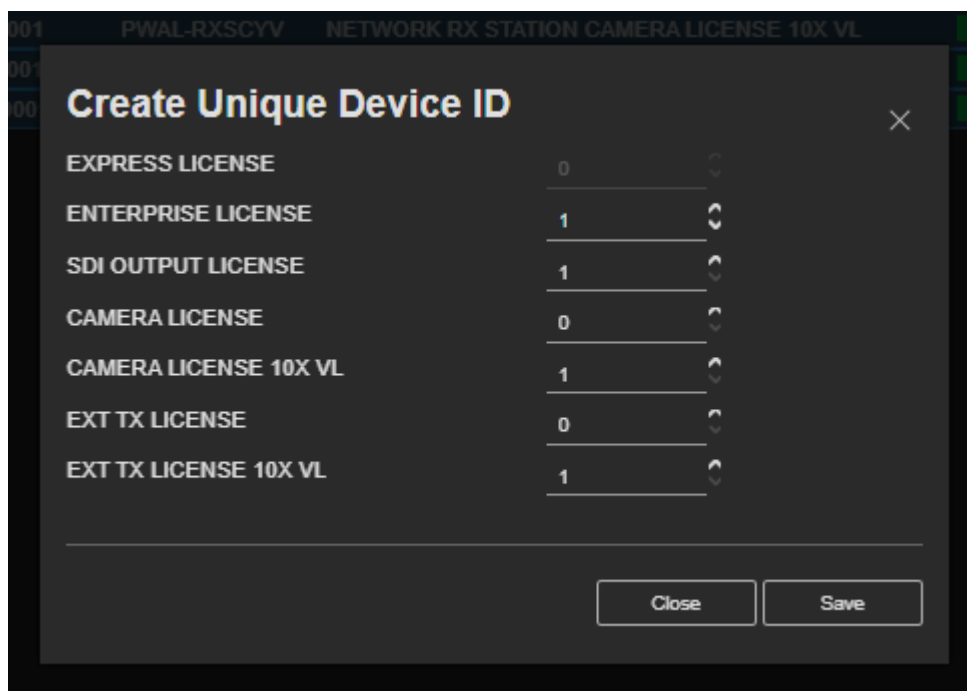
TP1002494887

Configuring Licenses

- 1 Select [Settings] > [Connection Manager] tab > [License] from the global header of the connection manager.



- 2 Click the **...** (Menu) button in the upper right of the screen and select [Create Device Unique ID].
- 3 Enter the number of licenses in the [Create Device Unique ID] dialog and click [Save].



The licenses are displayed in the license list.

- 4 Place a check mark beside the license you want to activate and click the [Get DEVICE.DAT] button.

A "PWA-RXS_DEVICE_DAT_(date).zip" file is downloaded to the Downloads folder of the PC running the web browser.

- 5 Uncompress the zip file.

When uncompressed, a “DEVICE.DAT” file is extracted. DEVICE.DAT files are used to acquire licenses.

Related Topic

- [Structure of the Settings Screen](#)

TP1002494888

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Obtaining and Applying Licenses

After registering the software license purchase code on the Upgrade and License Management Suite (ULMS) site, register the DEVICE.DAT file created using this application and download the installation key file.

For details about using ULMS licenses, visit the following ULMS site.

<https://ulms.sony.net/purchaseandinstallationprocess>

- 1 Save the installation key file downloaded from ULMS in any folder on the PC on which to configure PWA-RXS settings.
- 2 Sign in to the connection manager and select [Settings] > [Connection Manager] tab > [License] from the global header.
- 3 Click the [Install] button.
- 4 Select the saved installation key and click the [OK] button.

The status of the corresponding license changes to “Active.”

Note

- If a license is close to expiring or has expired, a license warning is displayed in the global header. Check the license status.
- If you install PWAL-RXSEY (Network RX Station Enterprise License) while PWAL-RXSXM (Network RX Station Express License) is still active, PWAL-RXSXM (Network RX Station Express License) will become invalid.

Related Topic

- [Structure of the Settings Screen](#)

TP1002494889

Setting a Camera to Network Client Mode

To shoot using a camera connected in network client mode, set the camera to network client mode as follows.

- 1 Turn on the network client mode compatible camera.
- 2 Open the settings menu on the camera.
- 3 Configure network client mode.
 - Enter a host name that matches the “Common Name” or “Subject Alternative Name” of the SSL/TLS certificate configured for PWA-RXS in [CCM Address]. Do not enter an IP address.
 - Write the root certificate provided by the certificate authority that issued the SSL/TLS certificate to a “CCM_certification.pem” file to load.
- 4 Turn on network client mode.
- 5 Display the Settings screen of the connection manager, select the corresponding camera on the [Transmitter] tab, and change [Registration Status] to [registered].

Note

- For details about mounting and configuration, refer to the manual for the camera.
- When connecting a PWA-RXS instance with a camera, be sure to use an SSL/TLS certificate obtained from a certificate authority on the PWA-RXS PC.
- Synchronize the date and time on the camera with the PWA-RXS PC.

Related Topic

- [Restrictions](#)

TP1002494890

Configuring the Smartphone App (Creators' App for Enterprise)

You can connect a camera or card reader to a smartphone on which Creators' App for Enterprise is installed via USB and then upload clips from the camera or card reader to PWA-RXS via Creators' App for Enterprise.

Use the following procedure to connect a camera for use with Creators' App for Enterprise.

- 1 In Creators' App for Enterprise on the smartphone, sign in to PWA-RXS.**
Sign in to PWA-RXS as one of the users configured using [Settings] > [Connection Manager] > [System] of the PWA-RXS. Grant the [File Transfer Manager] permission to the user.
- 2 Connect the camera to the smartphone on which Creators' App for Enterprise is installed via a USB cable.**
- 3 Click the [Camera] button on the Home screen of Creators' App for Enterprise.**
- 4 Tap [Add new camera] and scan the QR code of the camera or connect via Bluetooth to register the camera.**

TP1002494891

Connecting to LiveU Central from PWA-RXS and Configuring LiveU Transmitters/Receivers

You can connect a camera to a LiveU transmitter and upload clips recorded by the camera to PWA-RXS via LiveU transmitter/receiver.

Initial setup

If using LiveU products, a separate LiveU transmitter and LiveU receiver are required. You need to enter into a contract with LiveU, register your LiveU transmitter/receiver using the LiveU Central GUI, and obtain a license.

Additionally, you will need to obtain information from LiveU about how to connect from PWA-RXS to LiveU Central and configure settings in PWA-RXS. For details, refer to the LiveU documentation.

- 1 Select [Settings] > [Connection Manager] tab > [LiveU Central] from the global header of the connection manager.

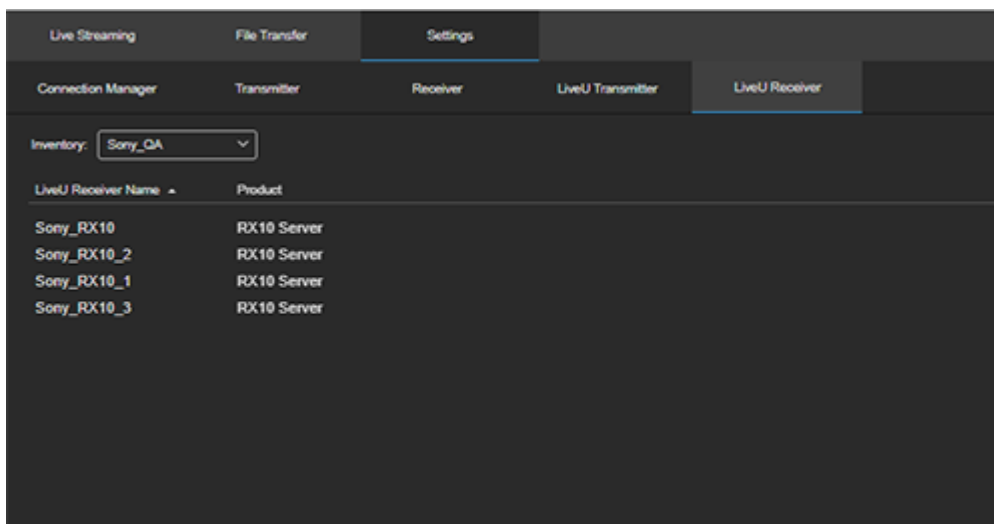
The screenshot displays the 'Settings' tab of the PWA-RXS interface. The 'Connection Manager' sub-tab is selected, showing fields for 'API Endpoint', 'API Key', 'Application ID', and 'Authorization'. Each field has a placeholder text indicating where to enter the information. At the bottom of the form, there are three buttons: 'Cancel', 'Connection Test', and 'Save LiveU Central Settings'. A vertical sidebar on the left lists various settings categories, with 'LiveU Central' highlighted at the bottom.

- 2 Configure the connection information obtained beforehand from LiveU.
- 3 Click [Connection Test]. If the connection is successful, click [Save LiveU Central Settings].

When the connection to LiveU Central is successful, you can obtain the LiveU transmitter/receiver information.

- 4 Click [Settings] > [LiveU Receiver] tab.

Use to check the information for LiveU receivers.

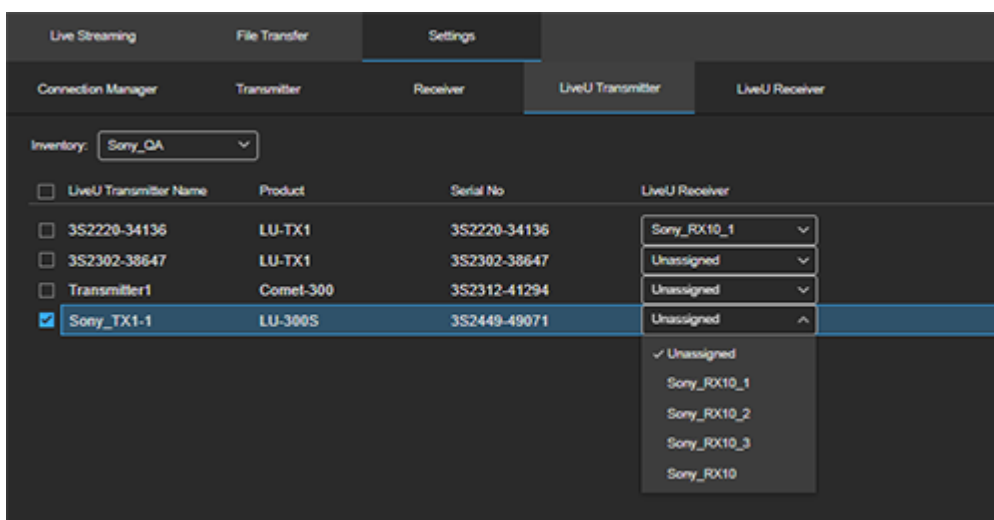


5 Click the [LiveU Transmitter] tab.

Use to check the information for LiveU transmitters.

6 Select a LiveU transmitter and assign a LiveU receiver using [LiveU Receiver].

Once assigned, clips will be uploaded to PWA-RXS from the LiveU transmitter via the LiveU receiver.



Related Topic

- [Structure of the Settings Screen](#)

TP1002494892

Configuring the Camera and LiveU Transmitter Connection using the Smartphone App (Creators' App for Enterprise)

The smartphone app (Creators' App for Enterprise) is used to configure the settings for connecting (pairing) the camera and LiveU transmitter.

- 1 In Creators' App for Enterprise, sign in to PWA-RXS.
- 2 Connect the camera to the smartphone on which Creators' App for Enterprise is installed via a USB cable.
- 3 Click the [Camera] button on the Home screen of Creators' App for Enterprise.
- 4 Tap [Add new camera] and scan the QR code of the camera to connect to the camera.

When a camera connects to Creators' App for Enterprise, either by scanning a QR code from Creators' App for Enterprise or via Bluetooth connection, the camera information will be registered in PWA-RXS. Once the camera information is registered in PWA-RXS, the camera and LiveU transmitter will connect (pair) automatically.

Note

- The following models can be paired with a LiveU transmitter.
 - PXW-Z300
 - PXW-Z200
 - HXR-NX800

Note

- For details about configuring and operating Creators' App for Enterprise, refer to the Help for Creators' App for Enterprise.

TP1002494893

Starting File Transfer

You can upload camera clips to PWA-RXS. Clips uploaded to PWA-RXS can be transferred (exported) as files to external systems (servers or storage). Uploading is supported using the following three methods.

- Uploading from a camera connected in network client mode
- Uploading from an app (Creators' App for Enterprise) installed on a smartphone or portable data transmitter
- Uploading from a LiveU transmitter

- 1 Select [File Transfer] in the global header to display the File Transfer screen.**
- 2 Click the [Assign Transfer Preset] button and assign a transfer preset to a transmitter.**
- 3 Start recording on the camera and then stop recording.**

You can check the status of uploads from a camera to PWA-RXS under [Progress] in the transmitter area.
You can check the status of file transfers from PWA-RXS to an external server under [Progress] on the [Job List] tab.

Related Topic

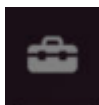
- [Structure of the File Transfer Screen](#)

TP1002494894

Registering a Streaming Receiver

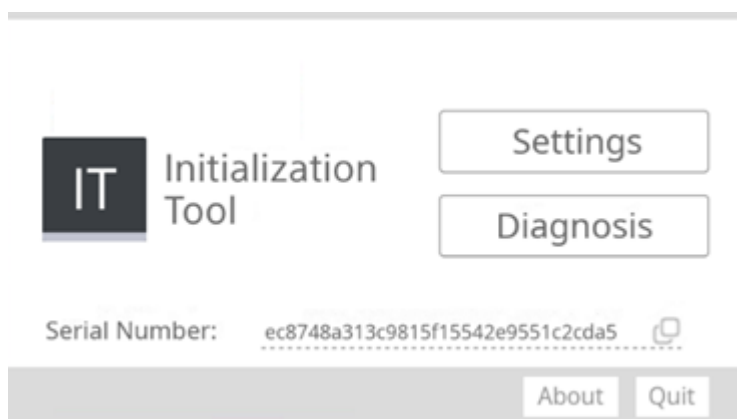
Register streaming receivers using the Initialization Tool.

- 1 Select [Show Apps] on the bottom left of the PC screen and click “Initialization Tool.”



- 2 When you launch it for the first time, agree to the terms of the EULA (End User License Agreement).
Select your country or region from the drop-down menu at the top right.

- 3 Click [Settings].



- 4 Enter the host name, port number, user name, and password of the connection manager, then click [Next].

Streaming Receiver Settings:

CCM Address:

CCM Port:

Username:

Password:

☐ Show Password

< Back Next >

- [CCM Address]: Enter the host name of the connection manager.
Enter a host name that matches “Common Name” or “Subject Alternative Name” of the SSL/TLS certificate.
- [CCM Port]: The port number of the connection manager is set to “9083” by default.
- [Username], [Password]: Enter a user name for signing in to the connection manager from a streaming receiver.
Enter the user name and password registered in [Credential] > [Receiver] on the Settings screen.

5 Check the SDI output settings and click [Next].

SDI Input/Output Settings:

Select SDI Input/Output configuration:

1-stream to output SDI-1 connector as outputs

☐ Use an image file for SDI outputs

File: /path/file

< Back Start >

- [Select SDI Input/Output configuration]: Displays SDI output information.
 - For an SDI board with 4 ports: Displays [Use both SDI 1/2 connectors and SDI 3/4 connectors as outputs]. This outputs two received streaming inputs from separate pairs of SDI connectors (SDI 1/2 and SDI 3/4).
 - For an SDI board with 2 ports: Displays [1-stream to output SDI-1 connector as outputs]. This outputs one received streaming input from SDI 1.
- [Use an image file for SDI outputs]: Place a check mark here to output a still image to the SDI connectors while streaming is stopped. When selected, specify the image file to be output.

6 Click [Start].

Connection to the connection manager is established and the streaming receiver is registered. When the configuration completion screen appears, click [Quit].

Result:

GetSerialNo : Success.
SettingConfig : Success.
MSQ Check : Success.
Connect to CCM (localhost) : Success.
RxStreamManagerService Start : Success.
RxFileCleanerService Start : Success.
RxSystemMonitorService Start : Success.

Home Quit

To initialize a streaming receiver

Launch the Initialization Tool, select [Diagnosis] and click [Reset].

TP1002494895

Configuring Receive/Output Settings on the Connection Manager

Receive settings and SDI output settings

Configure the IP address and UDP ports used to receive live streaming by the streaming receiver. Also, configure the mode for output of SDI signals from PWA-RXS.

- 1 Sign in to the connection manager from a client PC.
- 2 Display the Settings screen and click the [Receiver] tab.
- 3 Select the PWA-RXS instance you want to configure.
- 4 Enter the name of the PWA-RXS instance for display in the connection manager in [Receiver Name].
- 5 Enter the IP address or host name for accessing the PWA-RXS PC from the Internet in [Host Name / IP Address].
- 6 Enter the number of the first UDP port used for receiving live streaming from the Internet in [Start Port for Live Streaming].
- 7 Configure the SDI signals to output.
 - [Resolution]: Select the resolution.
 - [Frame Rate]: Select the frame rate.
- 8 Click [Save RX Settings] to save the settings.

Related Topic

- [Launching the Admin Screen of the Connection Manager](#)
- [Structure of the Settings Screen](#)

TP1002494896

Setting a Camera to Network Client Mode

Set a camera that supports network client mode to network client mode.
For details, see “[Setting a Camera to Network Client Mode.](#)”

Related Topic

- [Restrictions](#)

TP1002494897

Configuring Live Streaming using SRT

Configure the following for live streaming using SRT.

- 1 On the **Settings** screen > **[Transmitter]** tab, click the  (Add transmitter) button.

A line is added to the transmitter settings.

- 2 Enter the SRT name in **[Transmitter Name]** and select “SRT Caller” in **[Model Name]**.

- 3 Open the **[Receiver]** tab of the **Settings** screen and configure the items in **[SRT Listener Settings]**.

- 4 Click **SRT Caller** in the transmitter area on the **Live Streaming** screen and drag & drop it to a receiving device in the receiver area.

The SRT listener preparation is completed. The destination and port are displayed during the drag & drop.
If the displayed address is “srt://192.168.0.1:10000,” then the destination and port have the following settings.

- Destination: srt://192.168.0.1
- Port: 10000

- 5 Set the destination address and port displayed in step 4 on the SRT streaming device and start live streaming.

If using a passphrase, set the value configured in **[SRT Listener Settings]** > **[Passphrase]** in step 3 on the SRT streaming device.

Related Topic

- [Structure of the Settings Screen](#)

TP1002494898

Starting Live Streaming

You can start and stop live streaming as described below on the Live Streaming screen of the connection manager. Specify the transmitter device at the on-site shooting location and enable transmission for live streaming.

- 1 Select a transmitter displaying a thumbnail in the transmitter area.
- 2 Select the SDI port group to output in [Assign to] in the settings area.
- 3 Select the maximum bit rate for live streaming in [Network Range] in the settings area.
- 4 Select the delay time for live streaming in [Latency] in the settings area.
- 5 Click [Set] to save the settings in the settings area.
- 6 Click [Start] in the live streaming control area.

Distribution of live streaming video starts.

To stop live streaming

Click [Stop] in the live streaming control area.

To save live streaming video to a file

You can save live streaming video on the SDI 1 and SDI 2 ports to a file by selecting [File Output] on the [Receiver] tab of the Settings screen. The saving start/stop control follows the settings on the [Receiver] tab. Files are saved in the "/opt/sony/c3p/rx-server/out/" folder.

When saving to a file, the  (File output) icon is displayed on the thumbnails in the receiver area. If an error occurs while saving to a file, a  (File output error) icon appears. Check the status of the save destination for errors.

To enable RTMP output of live streaming video

You can enable RTMP output of live streaming video on the SDI 1 and SDI 2 ports by selecting [RTMP Output] on the [Receiver] tab of the Settings screen. When RTMP output is enabled, the  (RTMP output) icon is displayed on the thumbnails in the receiver area. If an error occurs during RTMP output, the  (RTMP error) icon appears. Check the status of the RTMP output destination for errors.

Note

- If QoS loss occurs or the live streaming video is unstable, increase the value of [Latency] or decrease the value of [Network Range] in the settings area.
- The [Latency] and [Network Range] parameters can be changed during live streaming, although the live streaming output may freeze or be distorted momentarily when the value is changed.
- The settings on the [Receiver] tab cannot be modified during live streaming.
- When saving live streaming video to a file, the video is re-encoded at 720p and the file is subdivided about every two hours.
- The correct operation of the saved file is not guaranteed for all playback environments.

- The live streaming output to SDI 3 and SDI 4 ports are not saved to a file.
- The live streaming output to SDI 3 and SDI 4 ports are not output via RTMP.
- The output frame rate will be 50.00 fps, 59.94 fps, or 60.00 fps, depending on the input, even if “1080p, 60fps” is selected using [RTMP Output] > [Resolution] on the [Receiver] tab of the settings screen.

Related Topic

- [Structure of the Live Streaming Screen](#)
- [Structure of the Settings Screen](#)
- [Supported Formats](#)
- [Restrictions](#)

TP1002494899

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Displaying the Camera Control Screen

For cameras connected in network client mode, you can open the camera control screen from the connection manager and also operate the camera. Perform the following procedure on the Live Streaming screen.

1 Select a camera connected in network client mode in the transmitter area.

2 Open the [Remote] tab in the settings area, and select [Camera Control].

The control screen for the selected camera appears.

Related Topic

- [Structure of the Live Streaming Screen](#)

TP1002494900

Displaying Shooting Locations on a Map

For cameras connected in network client mode, you can display shooting locations, derived from location information received from the transmitter device using GPS, on a map. The GPS function of the camera must be enabled to use this function. For details, refer to the operating instructions of the camera. Perform the following procedure on the Live Streaming screen.

1 Select a camera connected in network client mode in the transmitter area.

2 Open the [Map] tab in the settings area, and click [Show Map].

A new tab opens in the web browser, and displays the current location of the selected camera on a map.

Note

- The location display can be operated only when valid location information is obtained from the camera.

Related Topic

- [Structure of the Live Streaming Screen](#)

TP1002494901

Transferring Camera Clips

Clips on cameras connected in network client mode can be uploaded to PWA-RXS under connection manager control. Clips uploaded to PWA-RXS can be transferred (exported) as files to external systems (servers or storage). Perform the following procedure on the File Transfer screen.

- 1 **Select [File Transfer] in the global header to display the File Transfer screen.**
- 2 **On the File Transfer screen, select a camera connected in network client mode in the transmitter area.**
- 3 **Click the [Proxy] tab or the [High-Res] tab.**
A list of clips stored on the selected camera is displayed.
- 4 **Click the checkboxes for the clips to transfer.**
- 5 **Click [Transfer].**

The selected clips are added to the transfer job list, and the clips are then transferred in sequence.
You can check the transfer state by clicking the [Job List] tab to display the list of transfer jobs.

To preview a clip

Select a clip that you want to preview in the clip list, and click the playback icon. The preview screen appears.
To return to the clip list, click the  (Back) button on the preview screen.

To transfer a clip while previewing the clip

Click the  (Upload) button at the top right of the preview screen. To transfer only a portion of a clip, set an IN point and/or OUT point, and then click the  (Upload) button.

Note

- File transfers may stop momentarily if the camera is currently live streaming. The file transfer will resume when live streaming stops.
- If the recording media format is FAT, files cannot be transferred using the [High-Res] tab.
- The preview display may stop temporarily, depending on the network status and camera status.

Related Topic

- [Structure of the File Transfer Screen](#)
- [Configuring Receive/Output Settings on the Connection Manager](#)

NETWORK RX STATION
PWA-RXS Ver. 2026.1.0

Supported Formats

This topic lists the live streaming video formats supported by PWA-RXS.

SDI output formats

1920×1080	59.94p, 59.94i, 50p, 50i
1280×720	59.94p, 50p
720×576	50i
720×480	59.94i

Video format

- SD-SDI: 720×576 50i, 720×480 59.94i (SMPTE ST 259M)
- HD-SDI: 1920×1080 59.94i, 1920×1080 50i, 1280×720 59.94p, 1280×720 50p (SMPTE ST 291M)
- 3G-SDI: 1920×1080 59.94p, 1920×1080 50p (SMPTE ST 425M Level-A/B)

Audio

2-channel audio

Audio format: 16-bit / 48 kHz

Note

- If the system frequency on the camera side is different from the SDI setting of PWA-RXS, the live streaming video/audio may be distorted when converting the frame frequency.

SRT input formats

1920×1080	59.94p, 50p
1280×720	59.94p, 50p

Note

- SRT 4K format is not supported. If input, an error will occur.

Related Topic

- [Structure of the Live Streaming Screen](#)
- [Starting Live Streaming](#)

TP1002494903

Restrictions

The following restrictions occur when using PWA-RXS.

- Live streaming may be interrupted, depending on the network environment.

TP1002494904

Usage Precautions

Precautions for network-enabled devices

- Depending on the operating environment, unauthorized third parties on the network may be able to access the unit. From a security standpoint, we strongly recommend that you set all passwords. We strongly recommend that you also set passwords other than for PWA-RXS (OS and user passwords).
- Do not visit other sites in your web browser while configuring passwords or after configuring passwords. Since your browser will remain logged in, be sure to close your browser after completing the setup process to prevent unintended use by third parties or the execution of malicious programs.
- When connecting a PC running this product to a network, connect via a router or connect to a LAN port with a router function. If connected without such protection, security issues may occur.
- SONY WILL NOT BE LIABLE FOR DAMAGES OF ANY KIND RESULTING FROM A FAILURE TO IMPLEMENT PROPER SECURITY MEASURES ON TRANSMISSION DEVICES, UNAVOIDABLE DATA LEAKS RESULTING FROM TRANSMISSION SPECIFICATIONS, OR SECURITY PROBLEMS OF ANY KIND.

Precautions related to the power supply

If the PC is suddenly powered off while PWA-RXS is operating, data may be corrupted. We recommend using a UPS (Uninterruptible Power Supply) for data protection. Also, when unplugging the power cord or switching off the circuit breaker, be sure to shut down the operating system to stop PWA-RXS operation.

Other precautions

- Always make a test recording, and verify that it was recorded successfully. SONY WILL NOT BE LIABLE FOR DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION OR REIMBURSEMENT ON ACCOUNT OF FAILURE OF RECORDING MEDIA, EXTERNAL STORAGE SYSTEMS OR ANY OTHER MEDIA OR STORAGE SYSTEMS TO RECORD CONTENT OF ANY TYPE.
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Important Notice for Customers using PWA-RX1

If considering updating from PWA-RX1 to PWA-RXS, note that the following functions of PWA-RX1 are not supported in PWA-RXS.

- Streaming using XDCAM pocket
- Intercom function
- Point-to-point streaming
- Operation of receivers connected to C3 Portal
- Receiver port check tool

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