



Installation Manual

Application
P2 Cast Bridge
For Adobe Premiere Pro



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Introduction

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- Various names, company names, product names, and other items listed in this guide are trademarks or registered trademarks of their respective companies.
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About this guide

- Descriptions in this guide are based on the assumption that wired and wireless LAN settings on relevant computers are already configured. For instructions on these settings, refer to information from the device manufacturers.
- Thank you for understanding that Panasonic is not liable for any loss from incorrectly configuring network settings in order to use this software. Neither is Panasonic liable for any loss from using this software.
- Descriptions of operations on a Memory Card Camera-Recorder ("P2 Camera Recorder") and in the P2 Cast cloud application and Premier Pro application ("Premier Pro") are based on the assumption that you have read the P2 Camera Recorder, P2 Cast, and Premier Pro user guides and understand camera and software operations.
- User interface elements in P2 Cast or Premier Pro are enclosed in brackets.
- Figures and screenshots may differ from actual products or screens.
- Cross-references are noted as in (→ 00).
- This information is subject to change without notice.

Precautions

- Avoid doing the following while an operation in the application is in progress. This may cause data corruption or other problems.
 - Turn off or restart the computer
 - Switch users or sign out
 - Disconnect from the network
 - Use other software, especially software that often writes to disk, or video recording/encoding software that is processing- or memory-intensive
- If limited system resources prevent the application from running, close other software and try logging in again.

Notice regarding security

Using this application may expose you to the following security risks.

- Leaks of personal information from this application
- Unauthorized use of the application by malicious third parties
- Interfering with or stopping use of the application by malicious third parties

Take ample security measures on the computer or mobile device used.

- Restrict use of the application to users who have passwords.
- Use passwords that are hard to guess.
- Change passwords regularly.
- Panasonic Corporation and its affiliates will not directly ask you for your password. If someone contacts you directly about your password, do not disclose it.
- To avoid information leaks, clear your browsing history and saved passwords before having your computer serviced, or before disposal or transfer of ownership.

Wireless LAN security precautions

Wireless networks offer the convenience of sharing information between computers and mobile devices via an access point wirelessly instead of requiring a wired connection, which enables you to join the network anywhere within wireless range. However, because radio waves reach everywhere within range and can pass through walls, wireless networks pose the following risks unless you complete relevant security settings.

- Spying on information sent or received
Malicious third parties may intercept and spy on wireless communication, which may include user IDs, passwords, credit card numbers, or other personal information besides the information sent and received, such as email messages.
- Intrusion
Malicious third parties intruding in home or business networks may steal personal or confidential information (which constitutes information leaks), impersonate specific people (spoofing) and release fraudulent information, tamper with and distribute intercepted information (falsification), or destroy data or systems by spreading computer viruses (destruction), among other acts.

Wireless LAN adapters and access points incorporate security mechanisms to help prevent these issues. Completing relevant security settings before using the application reduces the risk of these problems.

However, these security settings on wireless LAN equipment may not be set up by default. To reduce your security risks, before using wireless LAN equipment, always complete relevant settings as described in equipment user manuals. Also note that even when configured correctly, these security mechanisms can be compromised by special methods, due to inherent vulnerabilities in wireless LAN specifications.

If you will use the application without completing security settings, make sure you understand the risks well. User discretion is advised in completing security settings before use.

System requirements

- First, confirm that your computer supports wired or wireless LAN connections.
- Operation is not necessarily ensured with all wireless or wired LAN adapters and computers.
- Check the following settings.
 - Confirm that the network is not set up as a bridged network.
 - Confirm that the application is not blocked by a firewall.

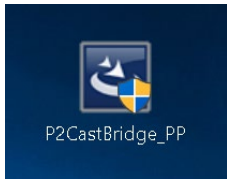
Compatible operating environments

The PC environment required for using this application is described below.

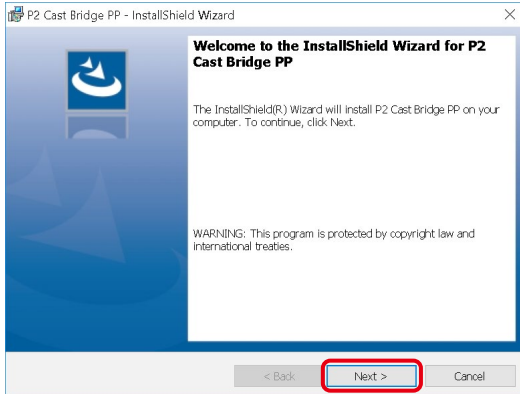
OS	Microsoft® Windows® 10 (32 bit/64 bit) Home Microsoft® Windows® 10 (32 bit/64 bit) Pro Microsoft® Windows® 10 (32 bit/64 bit) Enterprise Microsoft® Windows® 8.1 (32 bit/64 bit) Microsoft® Windows® 8.1 (32 bit/64 bit) Pro Microsoft® Windows® 8.1 (32 bit/64 bit) Enterprise Microsoft® Windows® 7 (32 bit/64 bit) Home Premium Service Pack 1 Microsoft® Windows® 7 (32 bit/64 bit) Professional Service Pack 1 Microsoft® Windows® 7 (32 bit/64 bit) Ultimate Service Pack 1 Microsoft® Windows® Server 2012 R2 Microsoft® Windows® Server 2008 R2
Necessary software	.NET Framework 4.5
CPU	Intel® Core™ 2 or higher
RAM	2 GB or more (32 bit), 4 GB or more (64 bit)
Hard disk	250 MB or more for installing application

Installing P2 Cast Bridge

1 Download the file and start the Installer.

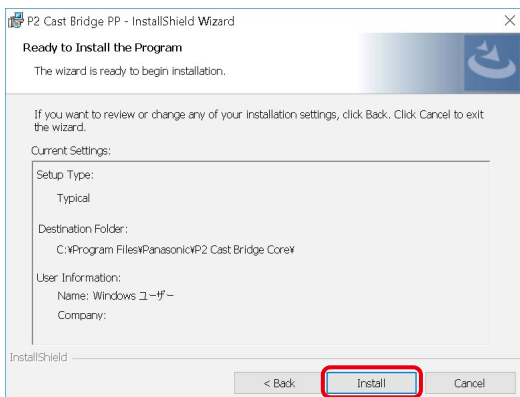


2 Click [Next].



3 Click [Install].

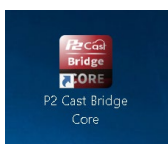
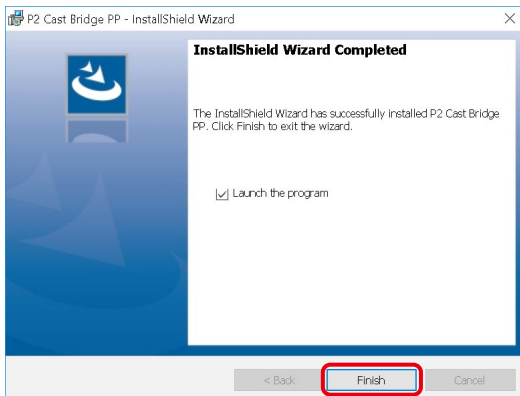
The progress screen is displayed.



4 Click [Finish].

Once installation is finished, the main screen is displayed.

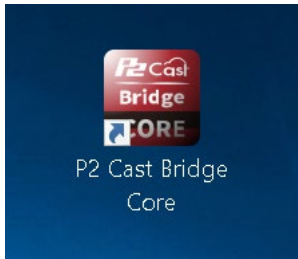
A P2 Cast Bridge shortcut icon is created on the computer desktop.



How to Set up

1 Start up P2 Cast Bridge.

After Install, double click P2 Cast Bridge Core on desktop.

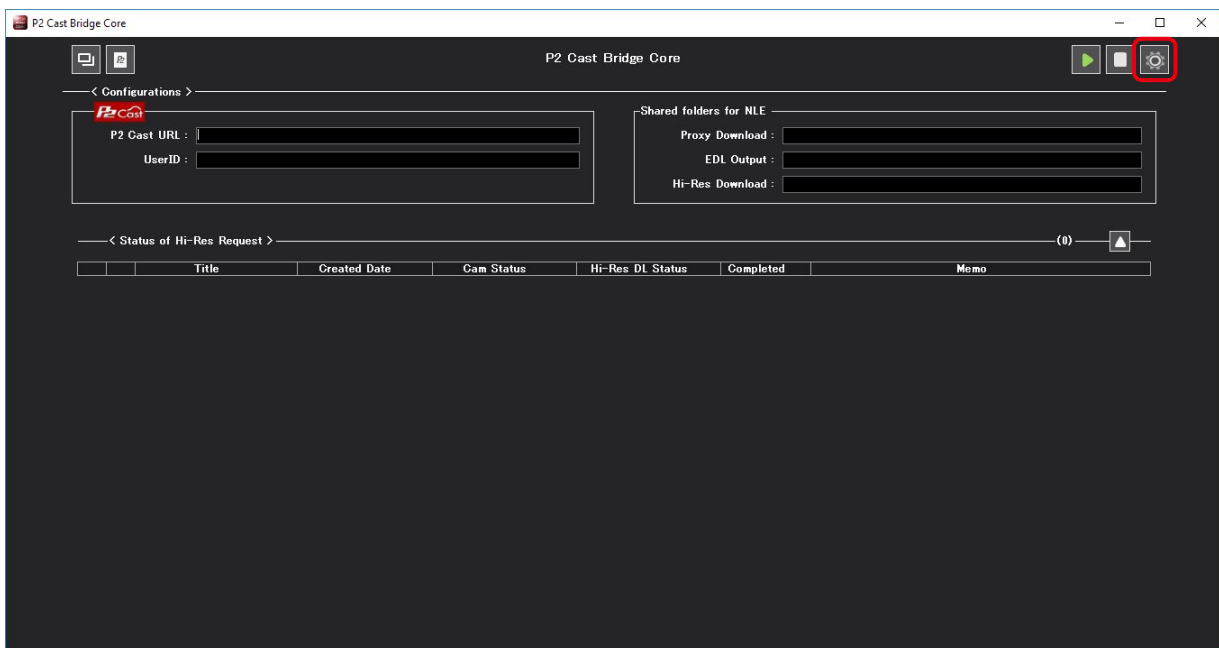


2 Initial Setting.

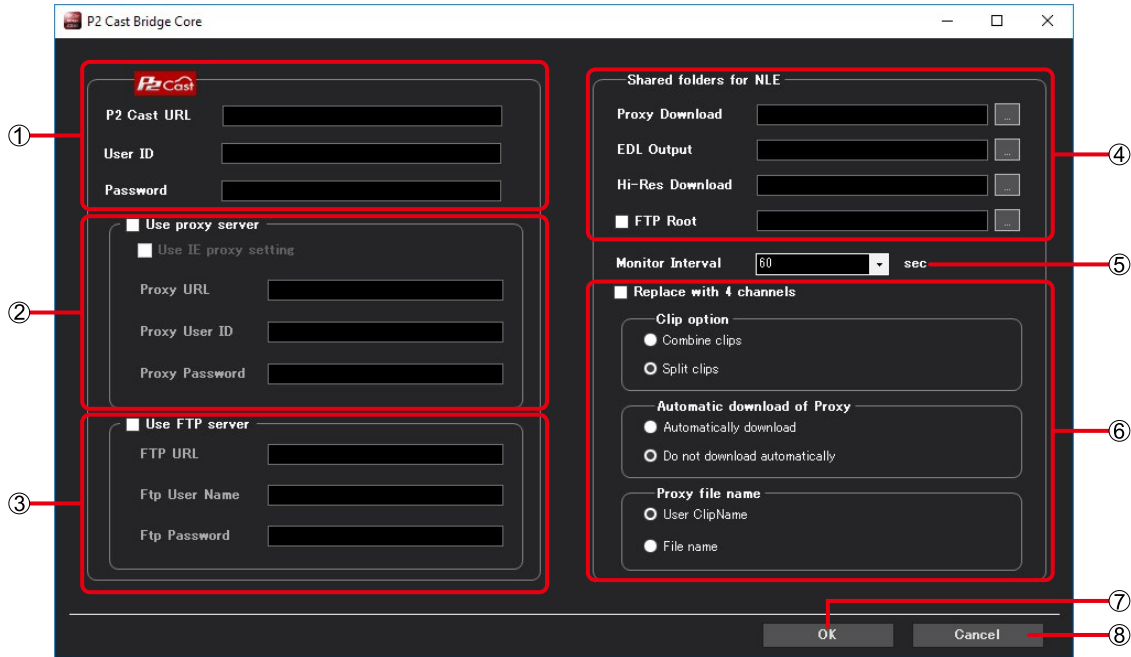
This setting will be stored (even after uninstalling the software). No need to follow this step for the second time.

2.1 Click setting button and open setting window

* Setting button is grayed out when P2 Cast Bridge operates.



2.2 Set P2 Cast Information



- ① P2 Cast Setting: Set Your P2 Cast URL, User ID and Password.

(Example) P2 Cast URL: <http://cytsvptvshow-xxxxxxx.p2cast.net/>
 User ID: panasonicUser1
 Password: *****

- ② Proxy Server Setting (if necessary)

If your network need Proxy setting, check "Use Proxy Server" and set your information.
 Internet Explorer setting can be used by checking the box (Use IE proxy setting).

- ③ FTP Server Setting (if necessary)

You can send Hi-Res clip to your FTP server. Check "Use FTP server" and set your ftp server information.
 (Example) <ftp://tvshow.xxxx.p2cast.net/stDirectory/>
 This item allows you to transfer Hi-Res material from the P2 camera to the FTP server directly.
 You will save time with it comparing using P2 Cast.

- ④ Shared folders for NLE: Set folder for keeping each data.

Proxy Download: Proxy clip will be downloaded to this folder.
 (Example) C:\Panasonic\Proxy
 EDL Output: Folder for check-in EDL (AAF/XML)
 (Example) C:\Panasonic\EDL
 Hi-Res Download: Hi-Res clip will be downloaded to this folder.
 (Example) C:\Panasonic\HiRes
 FTP root: If you use FTP server, check and set root folder.

- ⑤ Monitor Interval: Monitoring interval for checking P2 Cast

Select from 10s, 60s, 300s and 600s

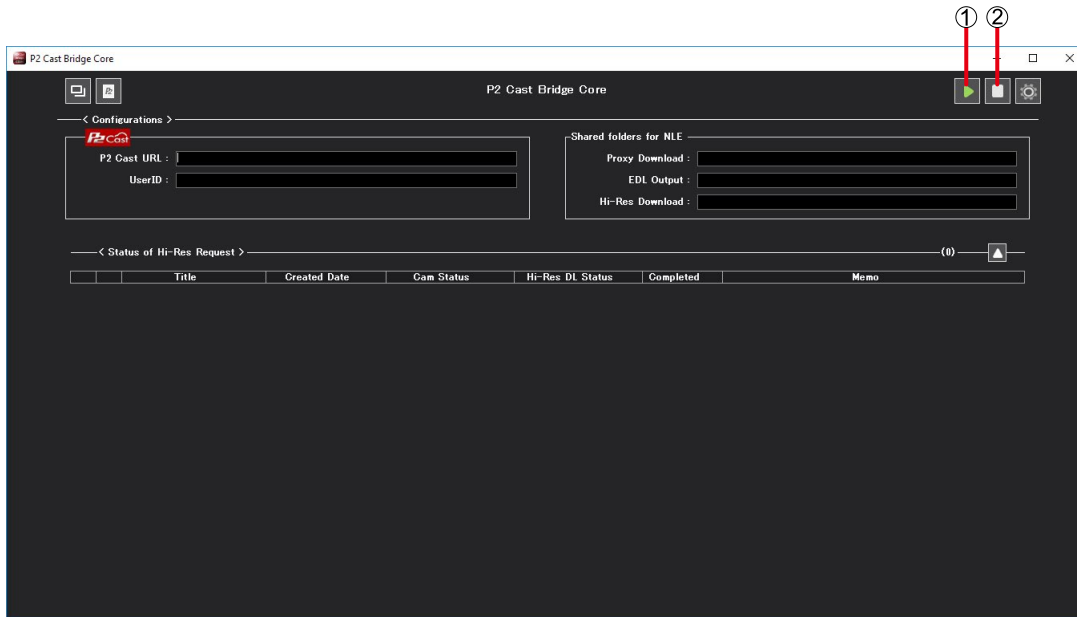
- ⑥ Option Setting

- Replace with 4 channels
 Replace Audio from 2 ch to 4 ch when relink from Proxy clip to Hi-Res clip.
 *This setting is for Premiere Pro only.
- Clip option
 Combine clip: After download spanned clip (proxy), Combine as one file.
 You have to wait until downloading all spanned clip is finished for use proxy.
 Split clip: Do not combine.
- Automatic download of Proxy
 Automatically download: All proxy will be downloaded to PC automatically.
 Do not download automatically: Download selected proxy only.
- Proxy file name: Select file name of downloaded proxy.
 User Clip Name: Use User Clip Name.
 File Name: Use File Name (same as original)

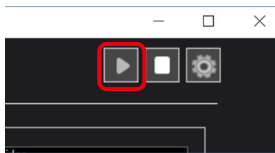
- ⑦ OK: Save and close window

- ⑧ Cancel: Don't save and close window

3 Start / Stop P2 Cast Bridge.



- ① START: Start P2 Cast Bridge
Start all function (download proxy and Hi-Res download, Proxy Relink...)
The start button becomes greyed out when P2 Cast Bridge is running.

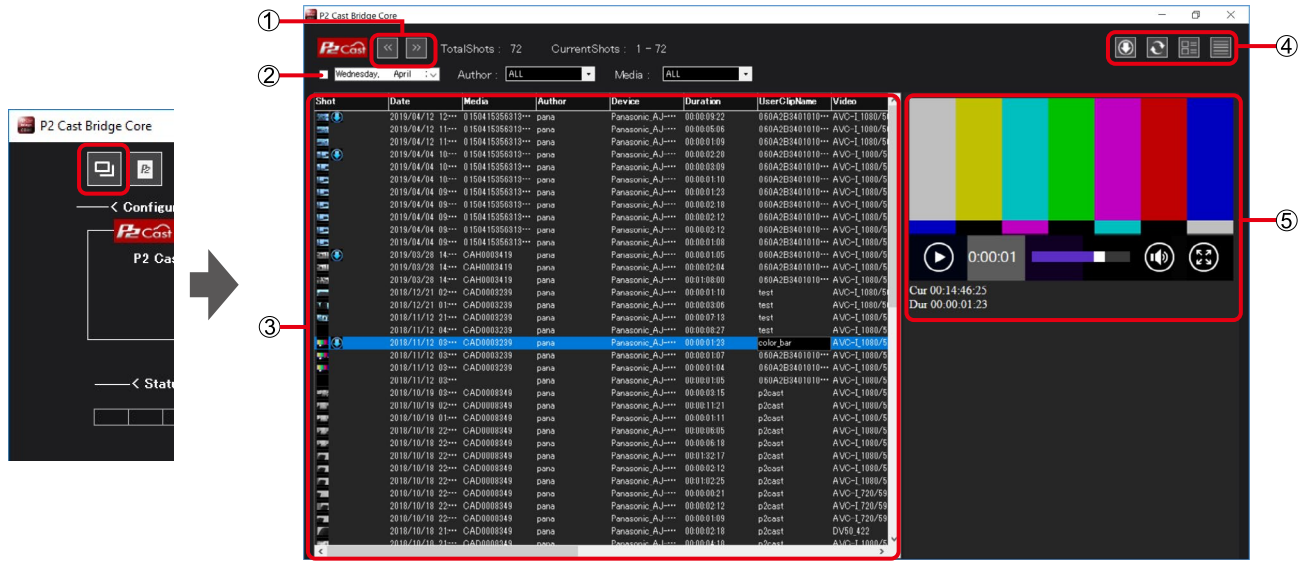


- ② STOP: Stop P2 Cast Bridge

4 Functions of P2 Cast Bridge Core.

4.1 P2 Cast Browser

You can view and download the proxy clips uploaded to the P2 Cast server.



① Go previous "<<" or next ">>" (100 Clips / page)

② Filter all clips within the P2 Cast by date / Author or Media(Serial number of P2 cards)

③ Proxy list on P2 Cast (Max 100 Clip / Page)

Double click on each column name to sort all clips within the P2 cast.

Double click on each user clip name (user definable clip name) to change their clip name. Its change can be seen on proxy video downloaded only, and will not be reflected clips on the P2 Cast server.



④ Download Selected Proxy

Refresh window

Change View setting to List View

Change View setting to Details View

⑤ Proxy Player

View proxy video with timecode.

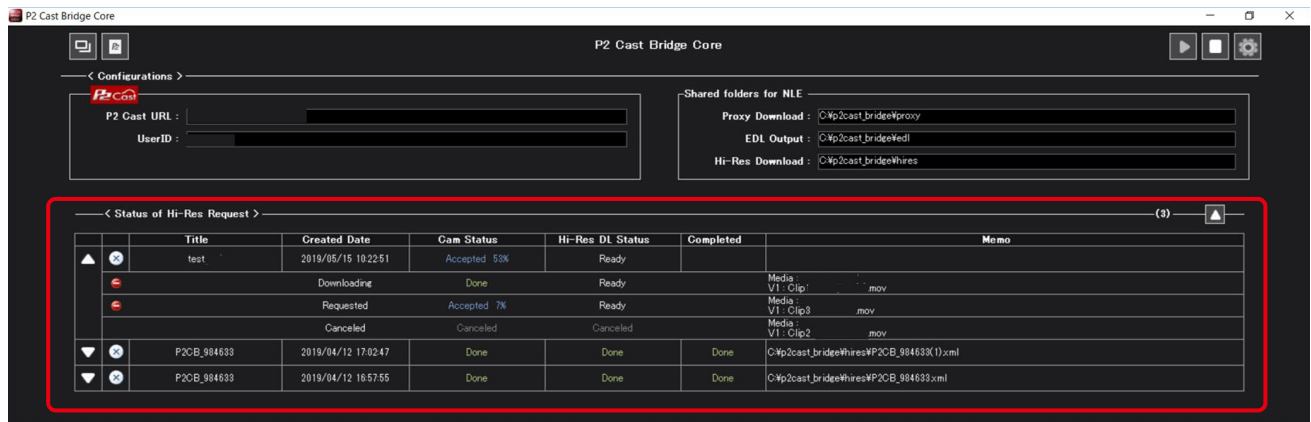
4.2 Relink Proxy Clip to Original Hi-Res Clip

You can convert video edited with proxy clip to Hi-Res. There are two ways to relinking using P2 Cast Bridge Core.

4.2.1 Relinking by managing files on EDL folder

Hi-Res relinking (Hi-Res file transfer request from the P2camera to the server) automatically when creating or applying the EDL file (AAF and XML) created in the EDL folder (see 2-2 (4)).

*Hi-Res materials already downloaded and relinked once will not need to be downloaded again.



Download management pane on the Home screen



Expand or collapse playlists.

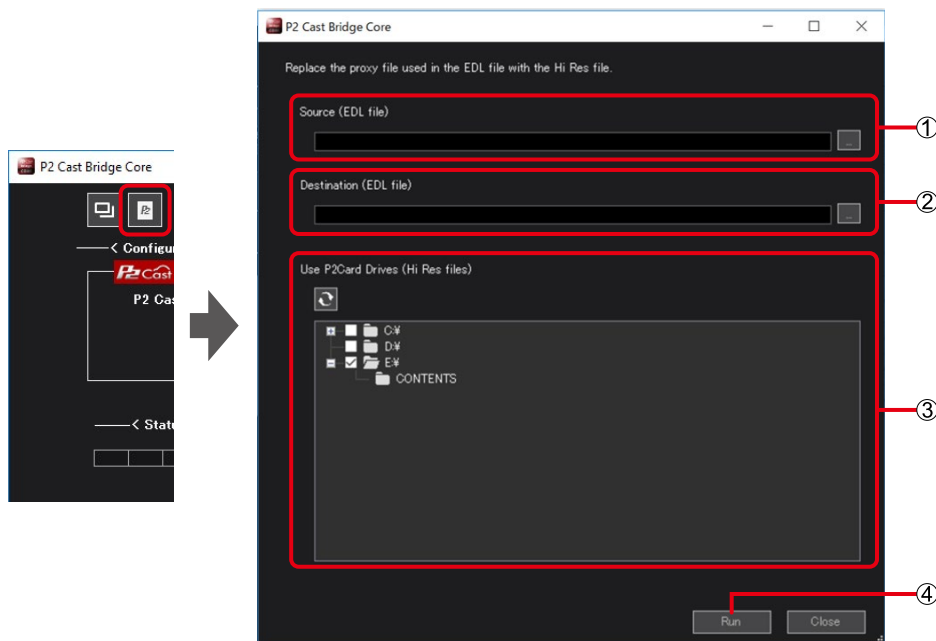
Cancel downloading for all content in a playlist.

Stop downloading for each clip in a playlist.

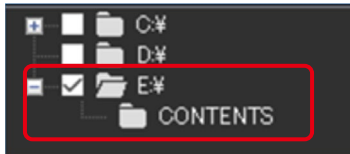
The software creates an EDL file for each playlist even a playlist contains clip(s) downloading Hi-Res is canceled. (Proxy material is applied for the period.)

4.2.2 Relinking with P2cards

If you have P2cards with Hi-Res files in your hands, offline relinking can be performed.
The created EDL files refer to the Hi-Res video in P2card.



- ① Select Proxy EDL (AAF or XMP)
(Example) C:\Panasonic\EDL¥test.edl
- ② Select Export Hi-Res EDL Folder and enter the file name
(Example) C:\Panasonic\HiRes¥test_HiRes.edl
- ③ Select P2 Card which have Hi-Res Clip
* Check device which is including CONTENTS folder
(Example)

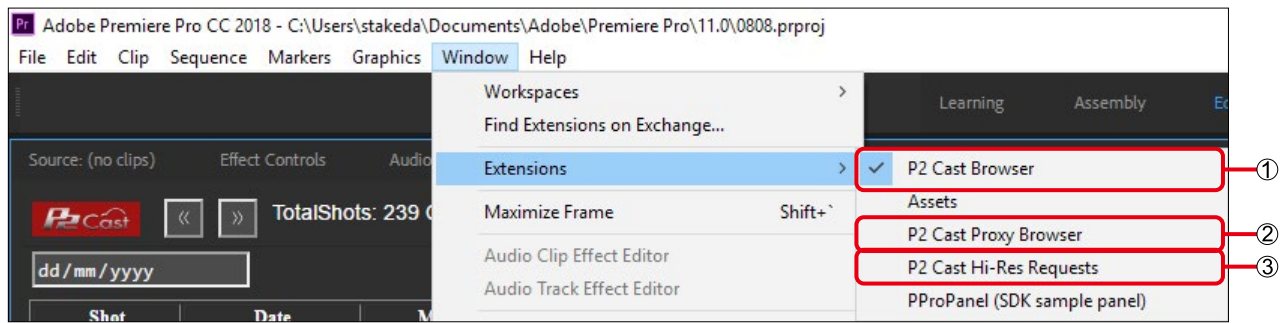


- ④ Start to Relink

How to use on Adobe Premiere Pro

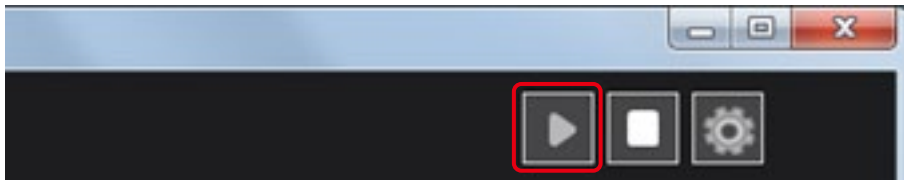
"P2 Cast Bridge for Premier Pro" provide P2 Cast Panels for Adobe Premiere Pro.

Select P2 Cast Bridge Panel which you want to use under [Menu] → [Windows] → [Extension on Adobe Premiere Pro].



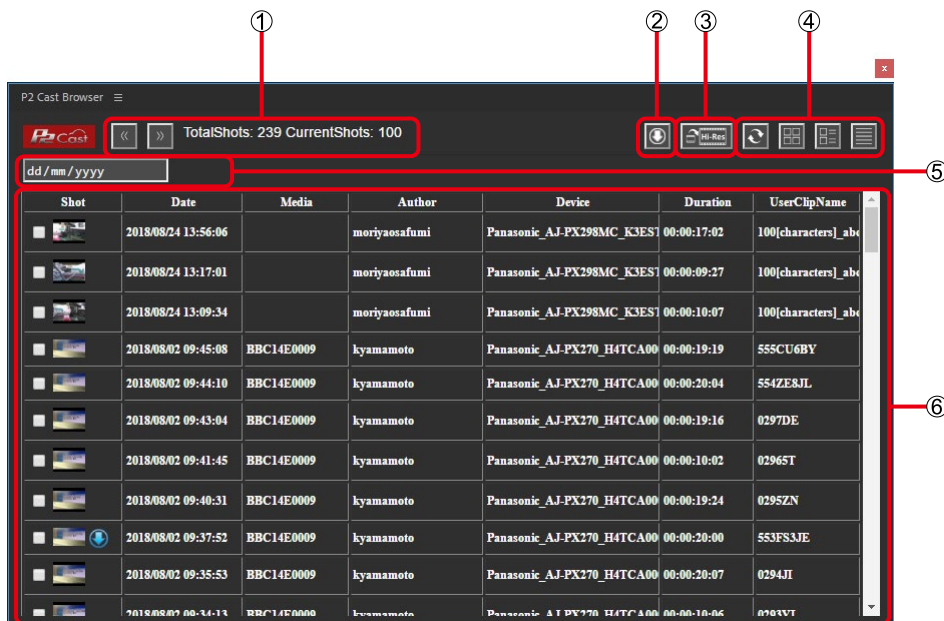
- ① P2 Cast Browser Panel: Open simple P2 Cast viewer.
- ② P2 Cast Proxy Browser Panel: Open proxy viewer which is downloaded to PC.
- ③ P2 Cast Hi-Res Requests: Open simple progress / Status panel for Hi-Res Relink.

* Make sure that P2 Cast Bridge Core is working when you use P2 Cast Bridge for Adobe Premiere Pro.



P2 Cast Browser Panel

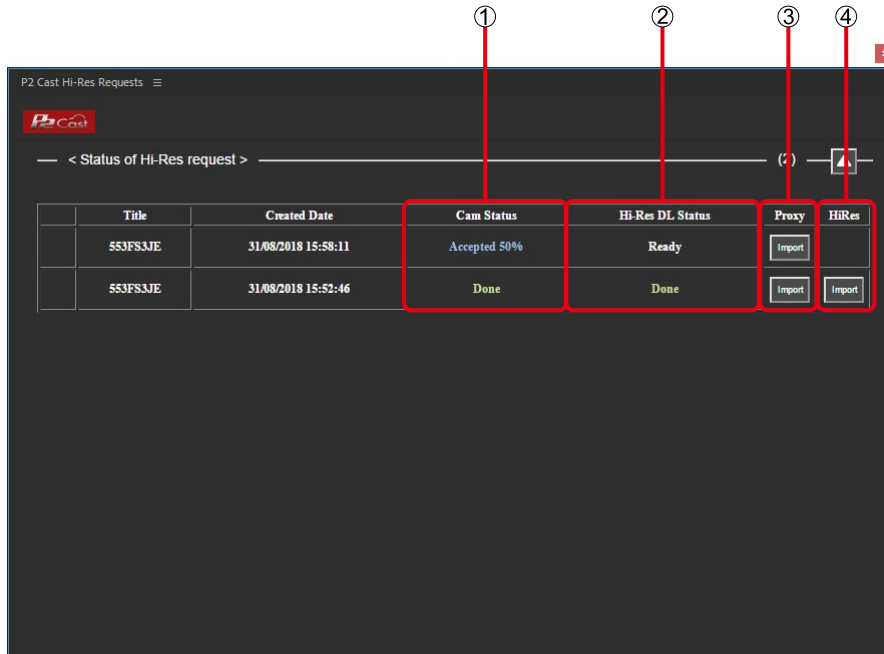
This panel indicates Proxy on P2 Cast and provides download and Hi-Res Relink Function.



- ① Number of Total Shot on P2 Cast and Current page' Shot number. Click << or >> to move page Max 100 shot / Page
- ② Download selected ☒ Proxy
- ③ Hi-Res Relink request
 - +Analysis Proxy sequence
 - +Request/Download specified Hi-Res clip
 - +Create Hi-Res sequence
- ④ Refresh list
 - Change View type of list
- ⑤ Filter by date
- ⑥ Proxy List on P2 Cast

P2 Cast Hi-Res Request Panel

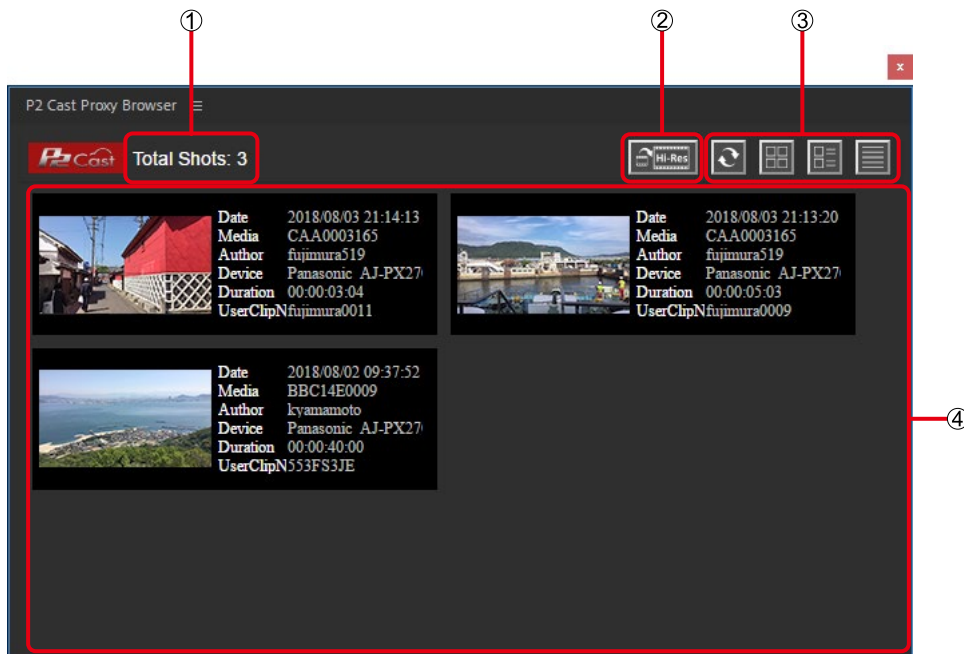
This panel indicates status of Hi-Res relink function.
Queue list of Hi-Res Request.



- ① Status of Upload Hi-Res Clip from P2 Camera to P2 Cast.
- ② Status of download Hi-Res Clip from P2 Cast.
- ③ Import original Proxy Sequence which you made for Hi-Res request.
- ④ Import Hi-Res Sequence which is created based on Proxy sequence.
This button will be displayed after download Hi-Res clip.

P2 Cast Proxy Browser Panel


This panel shows Proxy file which is downloaded to PC.
When you set "auto download option." Select this panel.



- ① Shot number of downloaded
- ② Hi-Res Relink request
+Analysis Proxy sequence
+Request/Download specified Hi-Res clip
+Create Hi-Res sequence
- ③ Refresh list
Change View type of list
- ④ List of Downloaded Proxy

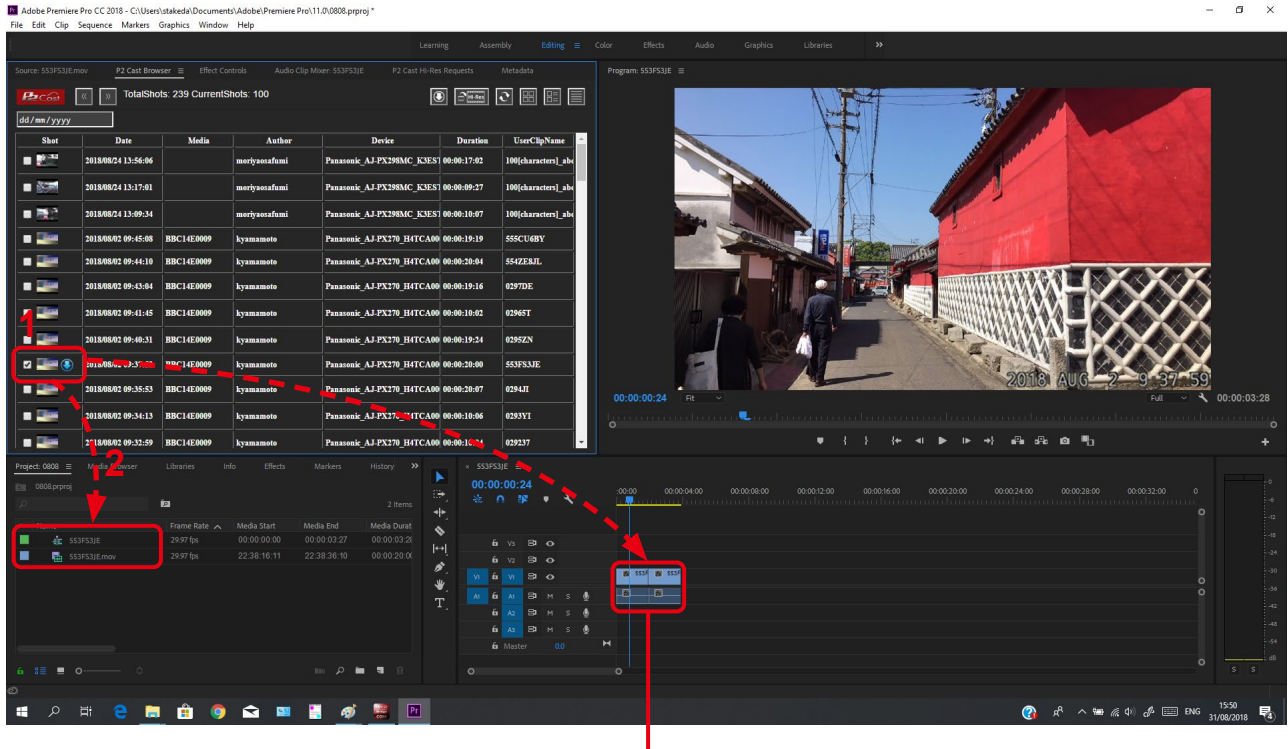
1 Download/Select Proxy using P2 Cast Browser Panel or Select Proxy using P2 Cast Panel.

Download/Select Proxy.

Download clip will be marked with blue arrow .

2 Drag & Drop from Panel to Project (or sequence).

Drag & Drop Proxy to Project or Sequence from P2 Cast Browser Panel or P2 Cast Panel.

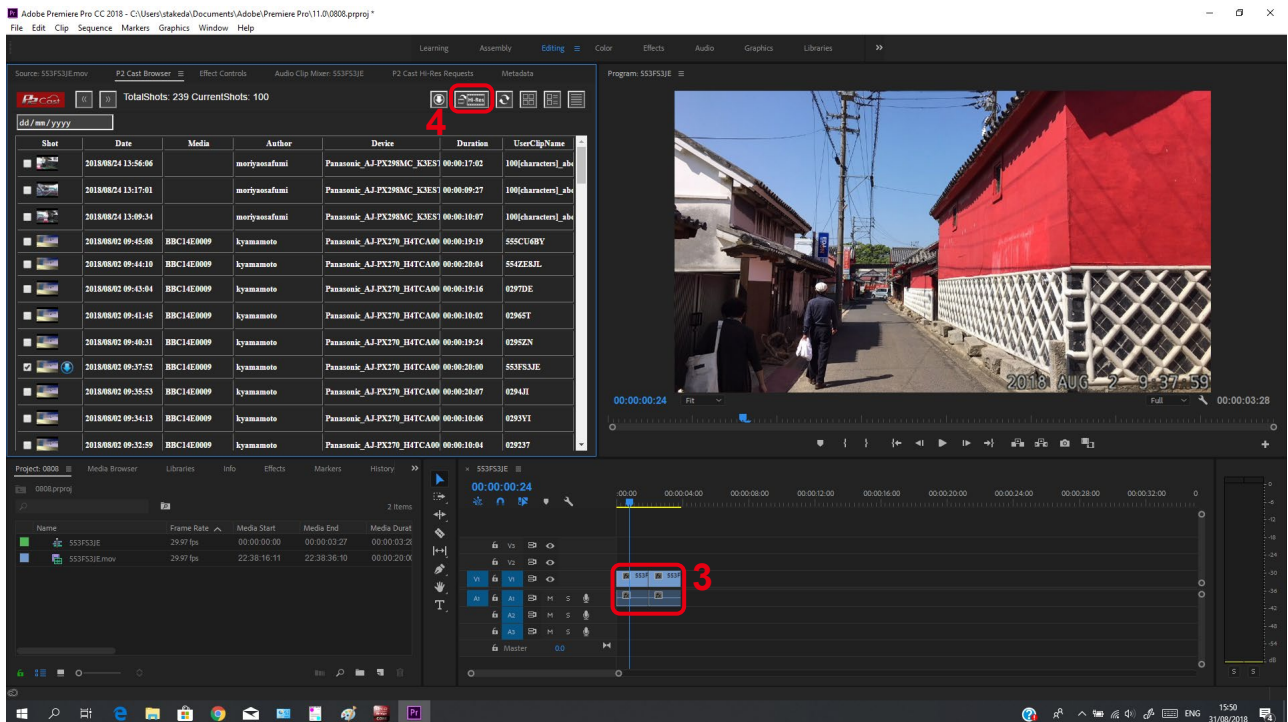


When you Drag & Drop to Sequence, Proxy will be added to Project, too.

3 Create sequence using proxy.

4 (if you need Hi-Res sequence) Request Hi-Res sequence.

Click "Hi-Res Sequence Request" button.



5 (if you need Hi-Res sequence) Check status on P2 Cast Hi-Res Requests Panel.

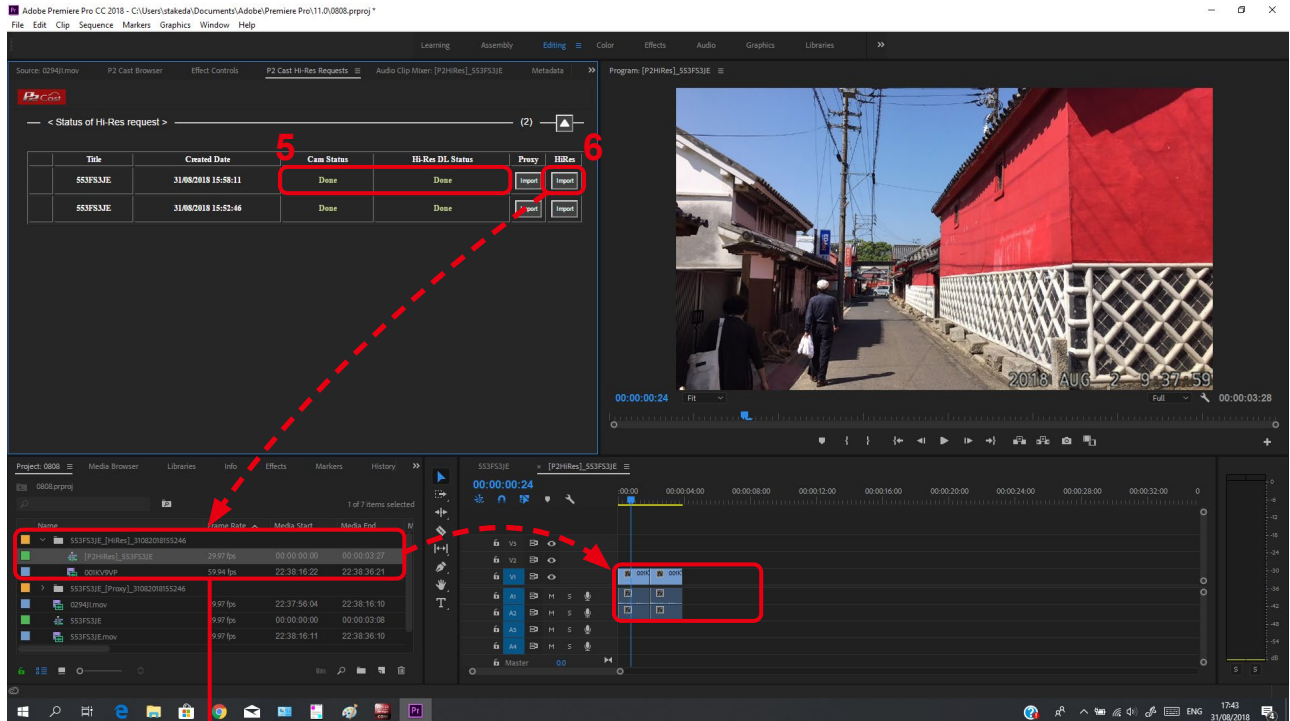
Status of Hi-Res Request

- +Upload from P2 Camcorder to P2 Cast
- +Download from P2 Cast to this PC

6 (if you need Hi-Res sequence) Click Hi-Res's Import Button.

Hi-Res sequence will be imported to Bin.

P2 Cast Hi-Res Requests Panel



<Title>_[HiRes]_Date Hour Minute Second folder is created and Hi-Res Sequence is imported.

