



DSWin Pro Quick Start Guide

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1. Getting started

System requirements:

- **DSWin Pro** software runs on Windows 7, 8, 10 & 11.
- The recommended system memory size is 8GB or more. If the system memory is less than 8GB, the software operations may not be able to complete due to memory constraints.

1. Download and install the **DSWin Pro** (v.20230301) software from "[NS02V2 Series](#)" page or "[NS02A8/E8 Series](#)" page of the official website.

Note:

- 1) DSWin Pro (v.20230301) needs to match the corresponding firmware version of NS02V2 series and NS02A8/E8 series.
 - 2) The recommended firmware version for NS02V2 series is "STD_1.0.9_20220622" or later, and for NS02A8/E8 series is "STD_1.0.12_20210325" or later.
2. Need to connect your PC through the same local area network (LAN) as the Shuttle XPC NS02V2 series & NS02A8/E8 series:
 - Turn on Wi-Fi then and select a network name.
 - Confirm that your PC is connected to the same LAN as your NS02V2 series or NS02 series.
 3. Click to open the **DSWinPro** software.

Note: Make sure the built-in "DS Creator Pro" app on the NS02A8/E8 or NS02V2 series is running (so that the project content can be uploaded from your client device).

1.1 Support format

1. The specified frames for media (pictures & videos):
The recommended file size is within 500MB. If the file is too large, it may not be able to upload due to memory constraints.
 - 16:9 (1.78:1) - 4K resolution: 3840 x 2160 pixels
 - 16:9 (1.78:1) - 1080P resolution: 1920 x 1080 pixels
 - 4:3 (1.33:1) - 4K resolution: 2880 x 2160 pixels
 - 4:3 (1.33:1) - 1080P resolution: 1440 x 1080 pixels
2. Multi-media support to run:
 - **Support 4K** (3840 x 2160 pixels):
H.264/AVC (Landscape/ Horizontal only)
 - a. Maximum frame rate: 25fps
 - b. Maximum bit rate: 50Mbps
 - c. File format: MP4, MOVH.265/HEVC
 - a. Maximum frame rate: 60fps

- b. Maximum bit rate: 60Mbps
 - c. File format: MP4, MOV
- Note:** 4K video, only single frame is supported.

- **Support 1080P** (1920 x 1080 pixels):

H.264/AVC

- a. Maximum frame rate: 60fps
- b. Maximum bit rate: 50Mbps
- c. File format: MP4, MOV

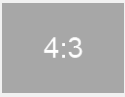
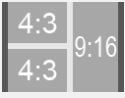
H.265/HEVC

- a. Maximum frame rate: 60fps
- b. Maximum bit rate: 60Mbps
- c. File format: MP4, MOV

1.2 Type description


Portrait / Vertical (*all resolutions are upper limit)		
V1		Picture: 2160 x 3840px Format: .jpg, .png, .gif, .bmp Video: 2160 x 3840px (H.265 only) Format: .mp4, .3gp, .mov Scrolling text: font size: 24-160 pt (default 48 pt)
V2		Picture: 1080P Format: .jpg, .png, .gif, .bmp Video: 1080P Format: .mp4, .3gp, .mov Scrolling text: font size: 24-160 pt (default 48 pt)
V3/V4		Picture: 1080P Format: .jpg, .png, .gif, .bmp Video: 1080P Format: .mp4, .3gp, .mov Scrolling text: font size: 24-160 pt (default 48 pt)
Landscape / Horizontal (*all resolutions are upper limit)		
H1		Picture: 3840 x 2160px Format: .jpg, .png, .gif, .bmp Video: 3840 x 2160px Format: .mp4, .3gp, .mov Scrolling text: font size: 24-160 pt (default 48 pt)
H2/H3		Picture: 1080P Format: .jpg, .png, .gif, .bmp Video: 1080P Format: .mp4, .3gp, .mov Scrolling text: font size: 24-160 pt (default 48 pt)
H4/H5		Picture: 1080P Format: .jpg, .png, .gif, .bmp Video: 1080P Format: .mp4, .3gp, .mov Scrolling text: font size: 24-160 pt (default 48 pt)

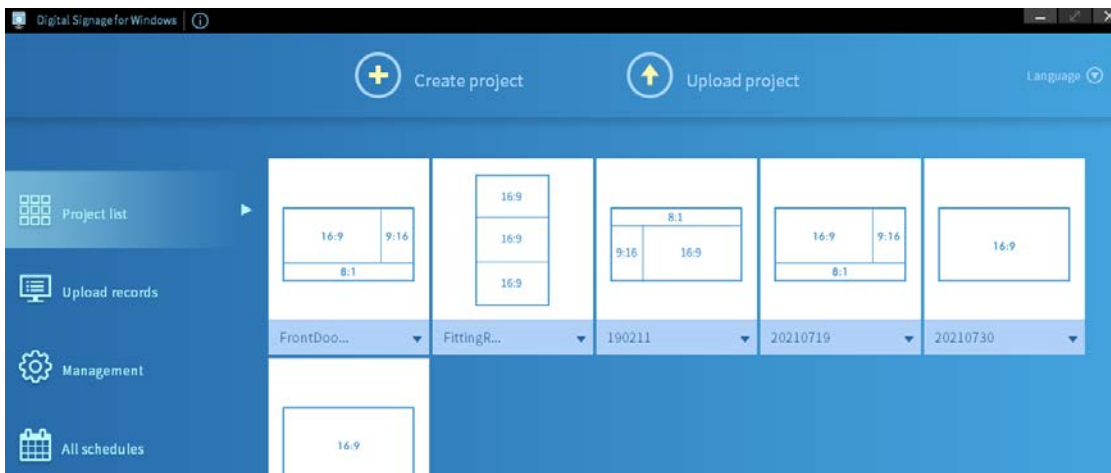
Landscape / Horizontal (*all resolutions are upper limit)

H6		Picture: 2880 x 2160px Video: 2880 x 2160px Scrolling text: font size: 24-160 pt (default 48 pt)	Format: .jpg, .png, .gif, .bmp Format: .mp4, .3gp, .mov
H7		Picture: 1080P Video: 1080P Scrolling text: font size: 24-160 pt (default 48 pt)	Format: .jpg, .png, .gif, .bmp Format: .mp4, .3gp, .mov

2. Project list

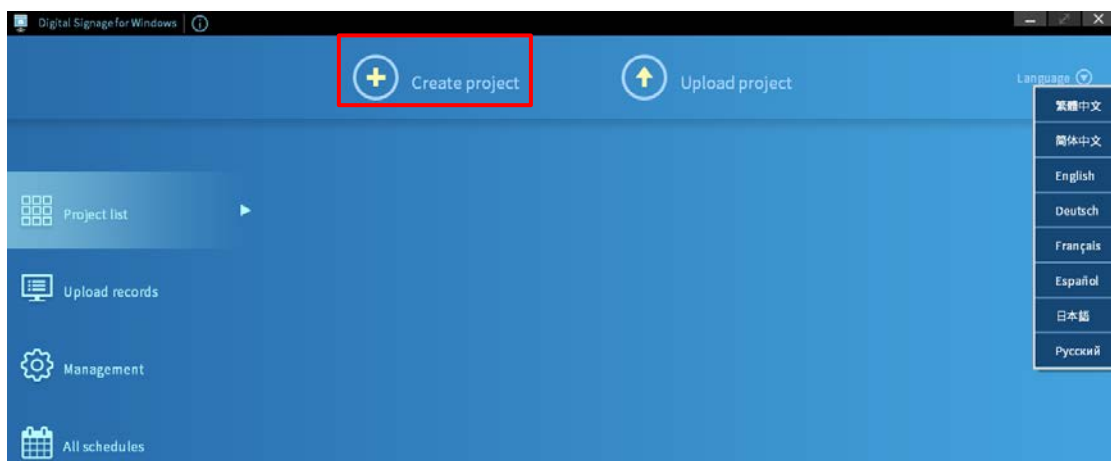
The created projects will be displayed on this page.

Note: Press  button at the top left to display the version number.



2.1 Create a project

1. Press **Create project** button at the top of the screen to create a project.



Note:

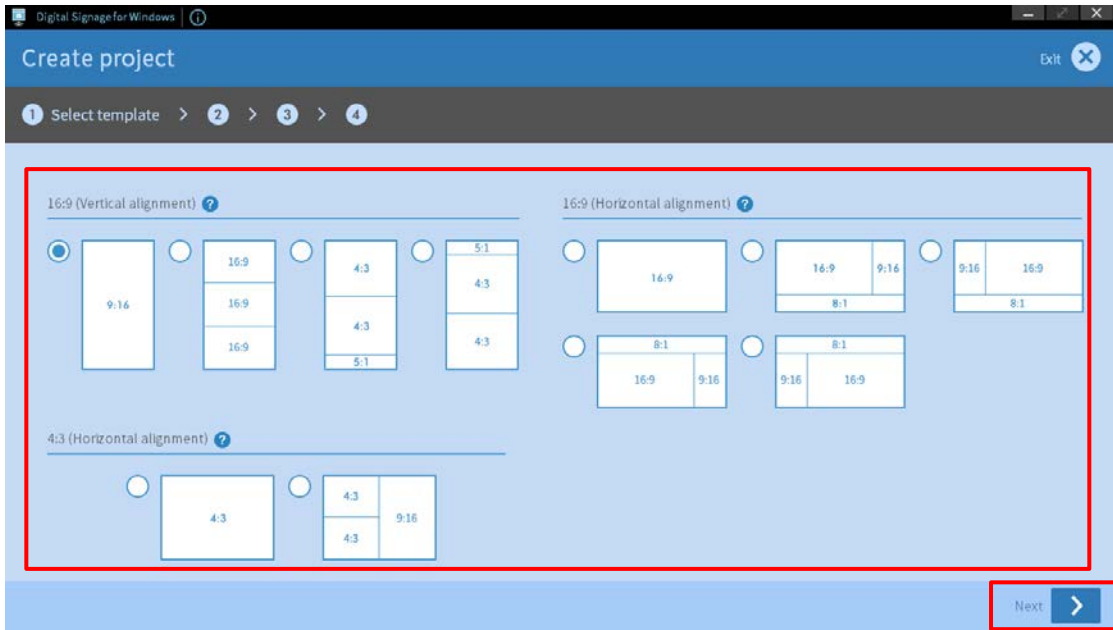
DSWin Pro is available in the following languages: English, French, German, Japanese, Russian, Spanish, Simplified Chinese, Traditional Chinese.

2. Select a layout you require.

Note:

There are 11 types of layout templates for your needs.

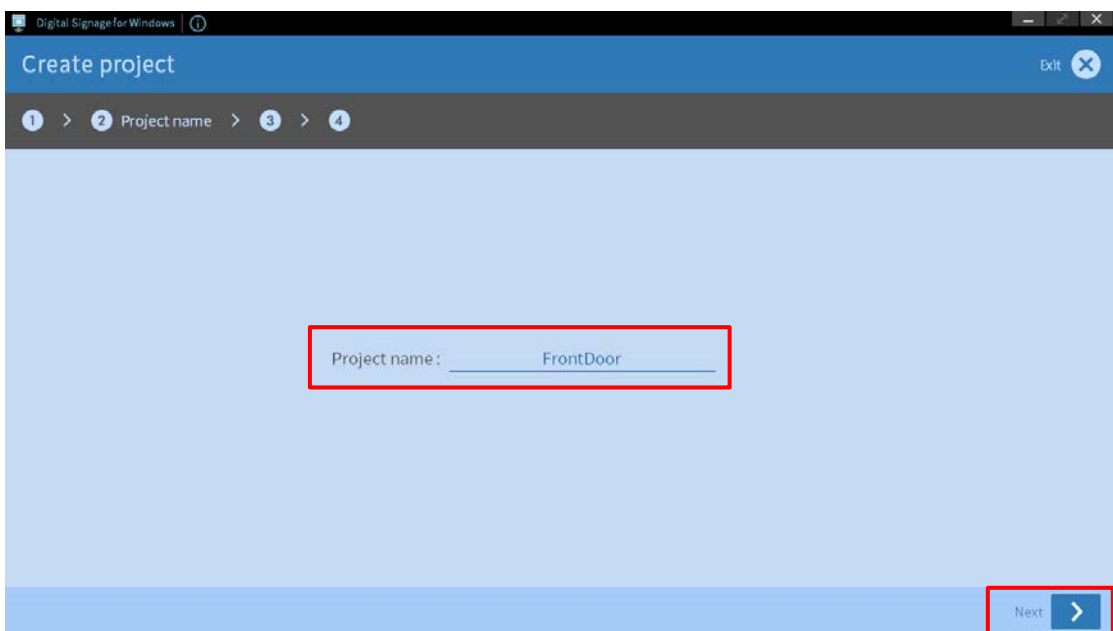
3. Press **Next** button to continue to the next step.



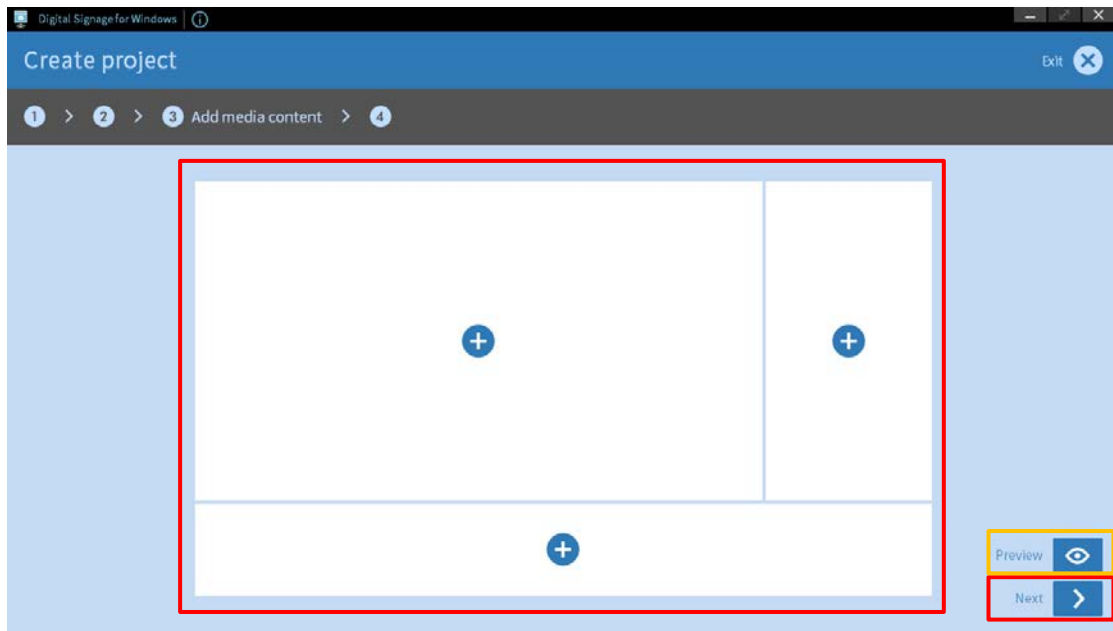
4. Enter a **Project name** and press **Next** button to continue to the next step.

Step:


- Enter a project name.
- Project name can't be blank.
- Special characters (' - / ,) are not allowed.
- 20 characters maximum.



5. Press **+** button to add digital signage contents such as **scrolling text, pictures, videos (Website link only support single frame layout)**.



Note:

The preview feature  lets an editor view contents.

2.2 Picture and video

The recommended file size is within 500MB. If the file is too large, it may not be able to upload due to memory constraints.

Picture

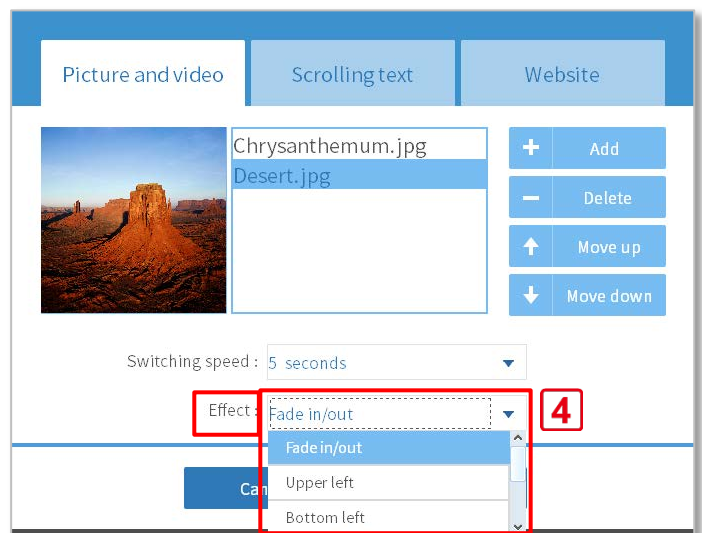
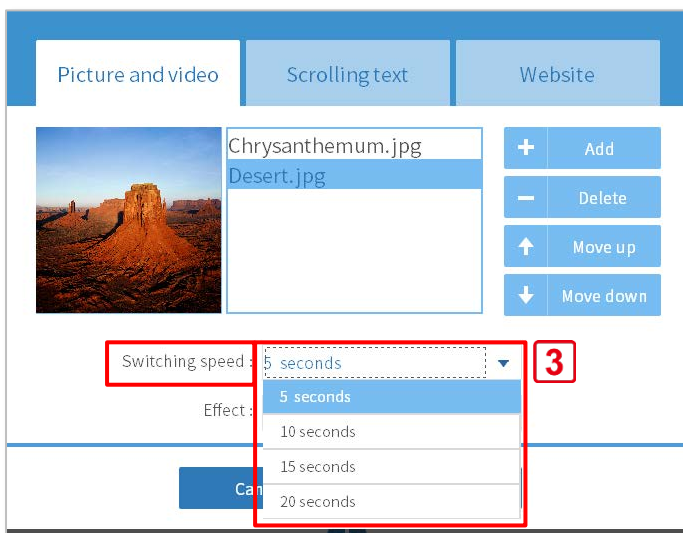
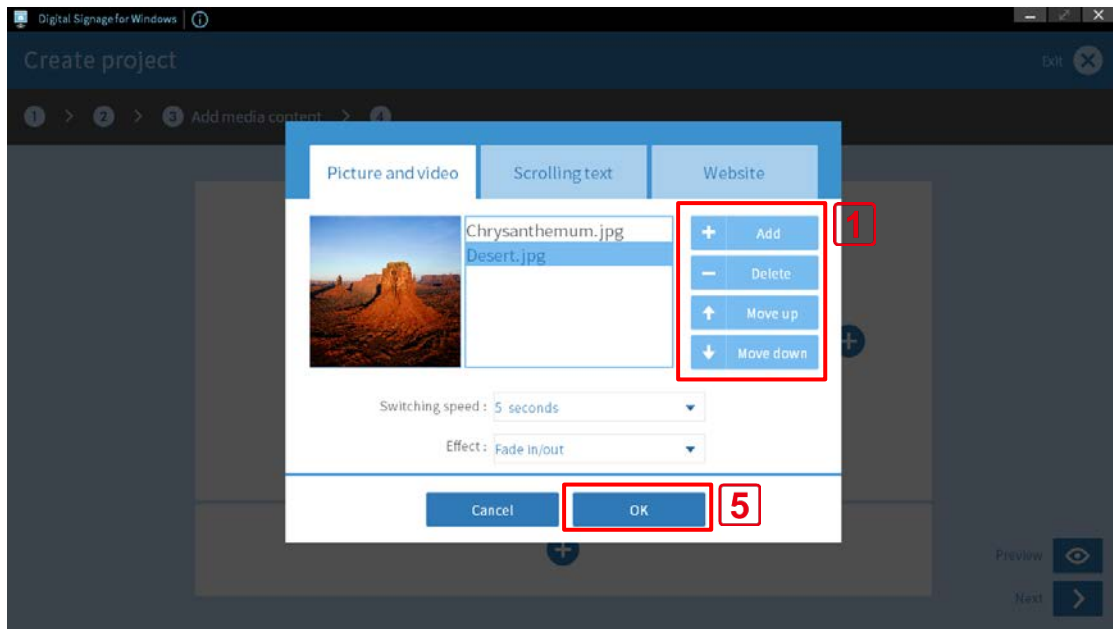
- Format: JPG, PNG, GIF, BMP

Video

- Format: .MP4 (H.264 & H.265), .MOV

Steps:

1. Press **Add** button to add pictures or videos (10 items maximum).
2. Press **Open** button (System default, the selected action is completed).
3. Set items' switching speed.
4. Set items' effects.
5. Press **OK** button to finish.

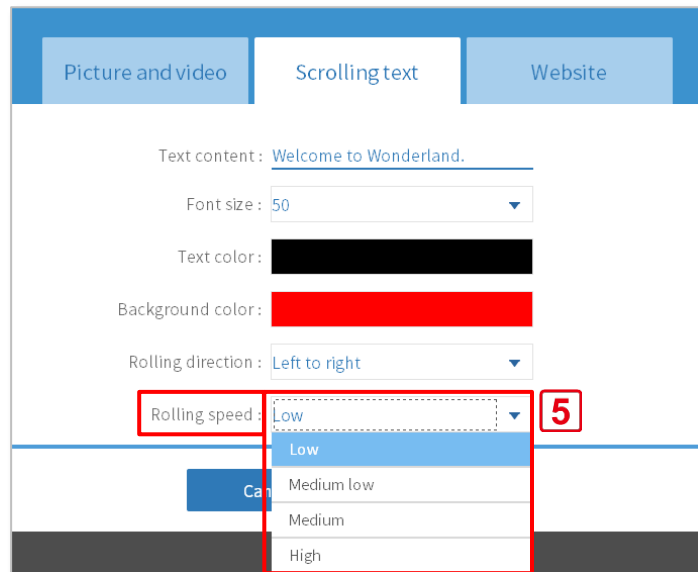
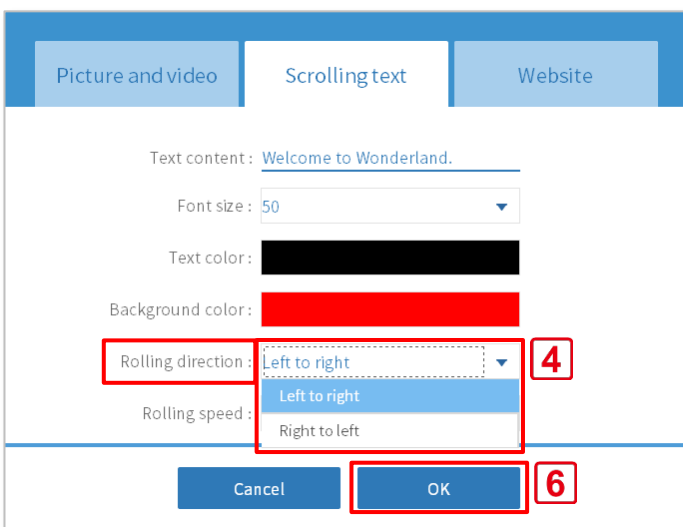
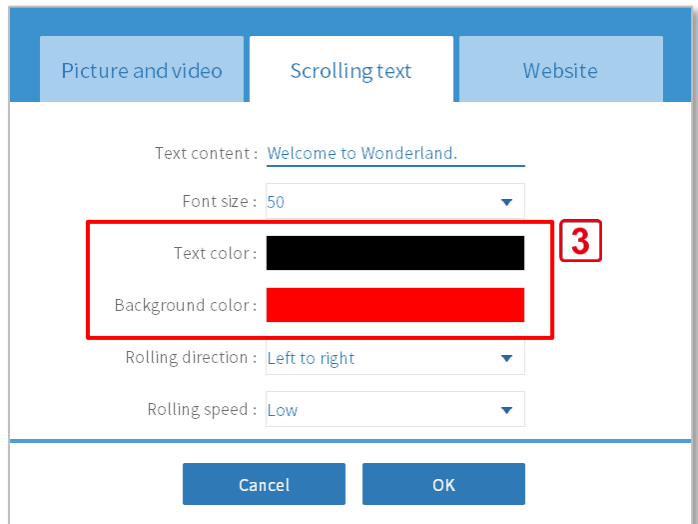
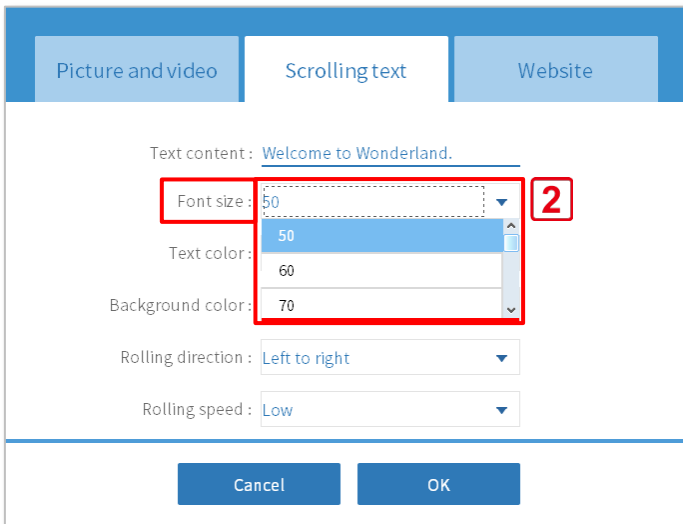
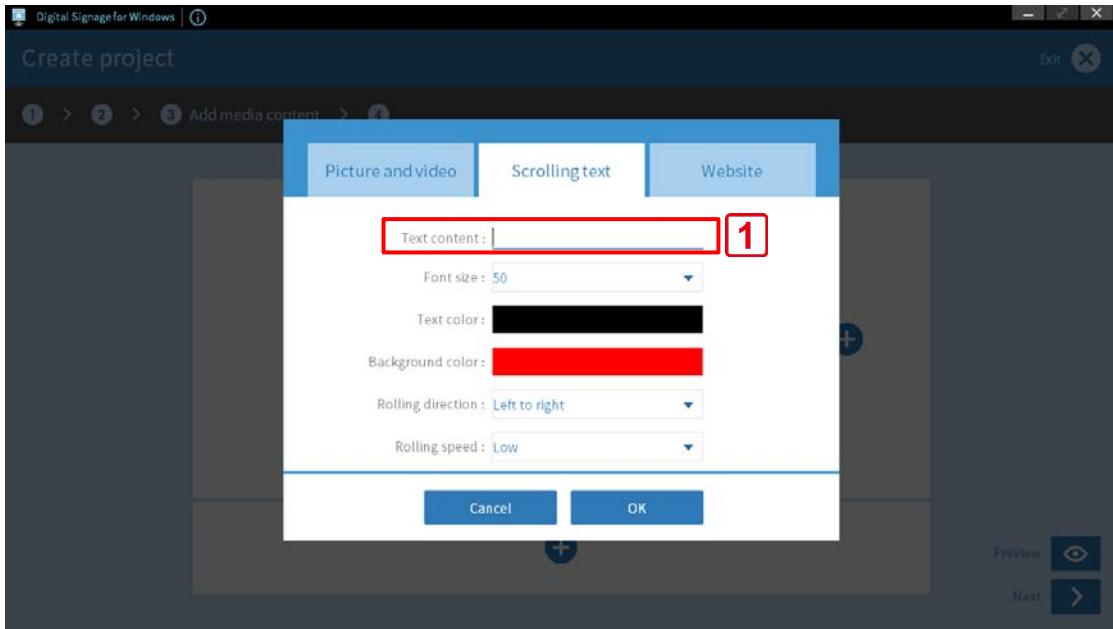


2.3 Scrolling text

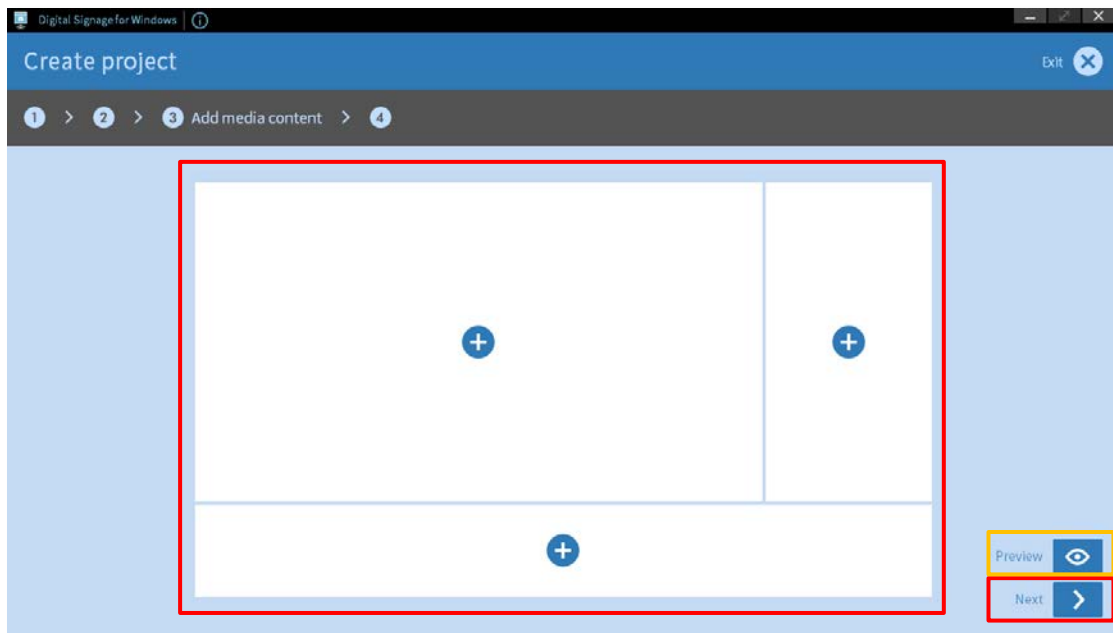
- Default size: 50 pt
- Font size: 50, 60, 70, 80...150 pt


Steps:

1. Enter text into "Text content" field (150 characters maximum).
2. Choose font size (50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150).
3. Choose a text color and a background color.
4. Set text rolling direction.
5. Set text rolling speed.
6. Press **OK** button to finish.



7. Press **Next** button to the next step.



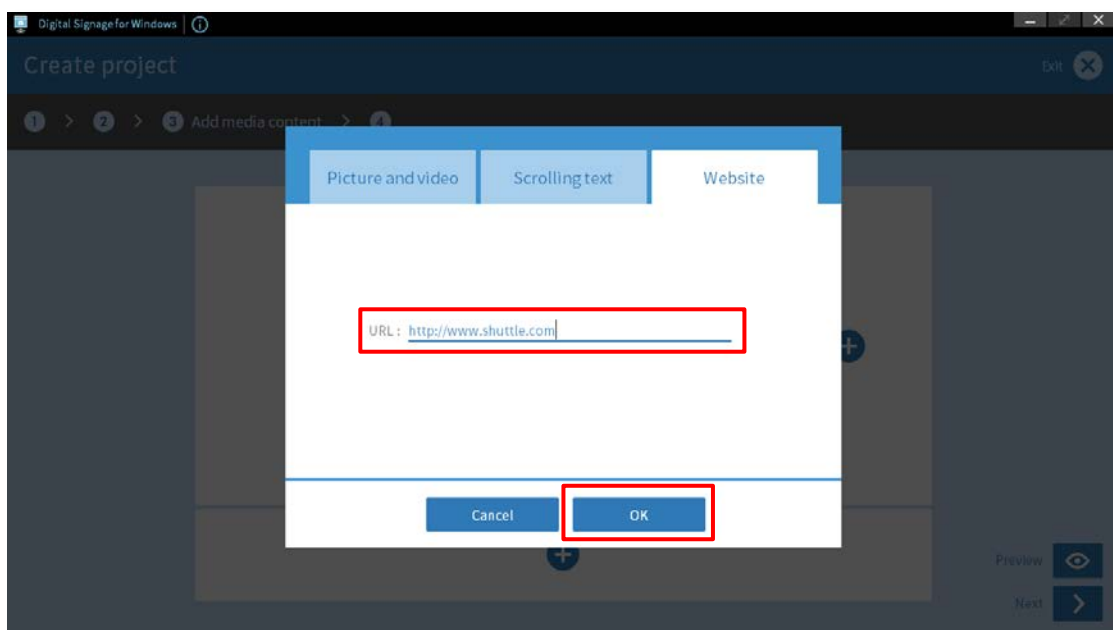
Note: Preview : helps preview contents before upload the project.

2.4 Website link (support single frame layout only)

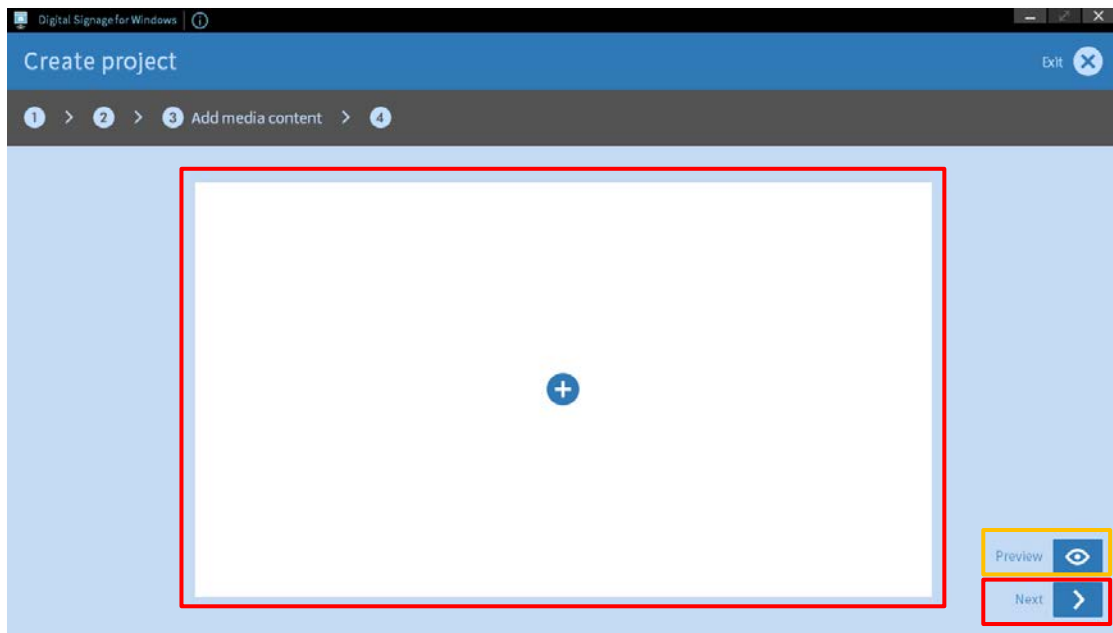
Recommend: RWD (Responsive Web Design)


Steps:

1. Enter website address into "URL" field (make sure you enter the full URL).
2. Press **OK** button to finish.



3. Press **Next** button to continue to the next step.



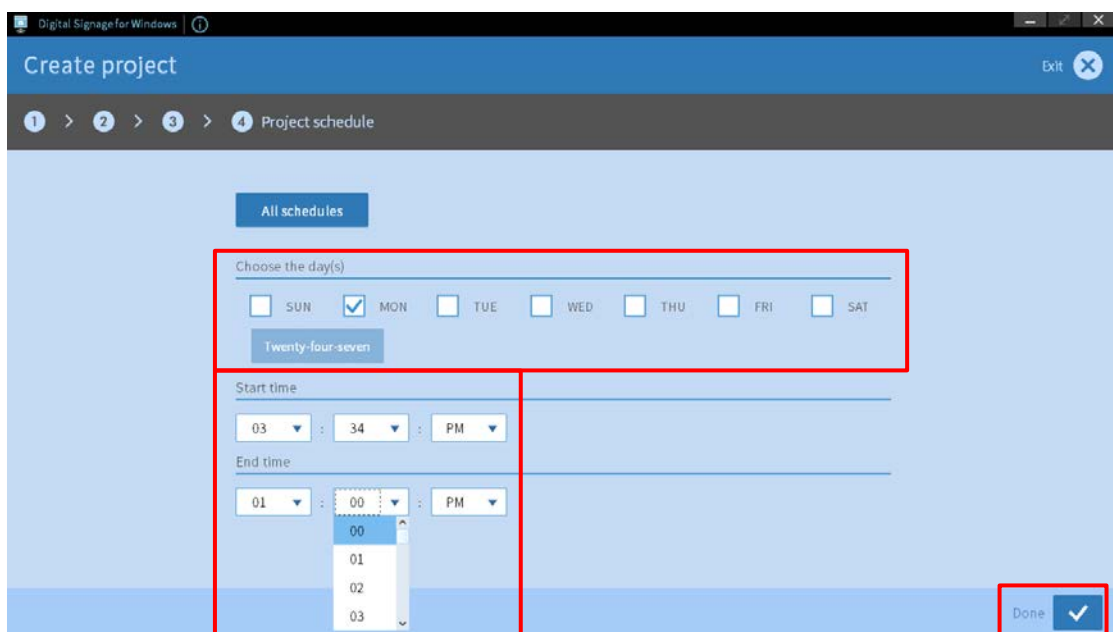
Note: Preview : helps preview contents before upload the project.

2.5 Project schedule

To schedule a project's publication time, you have to first set the project as **scheduled**.

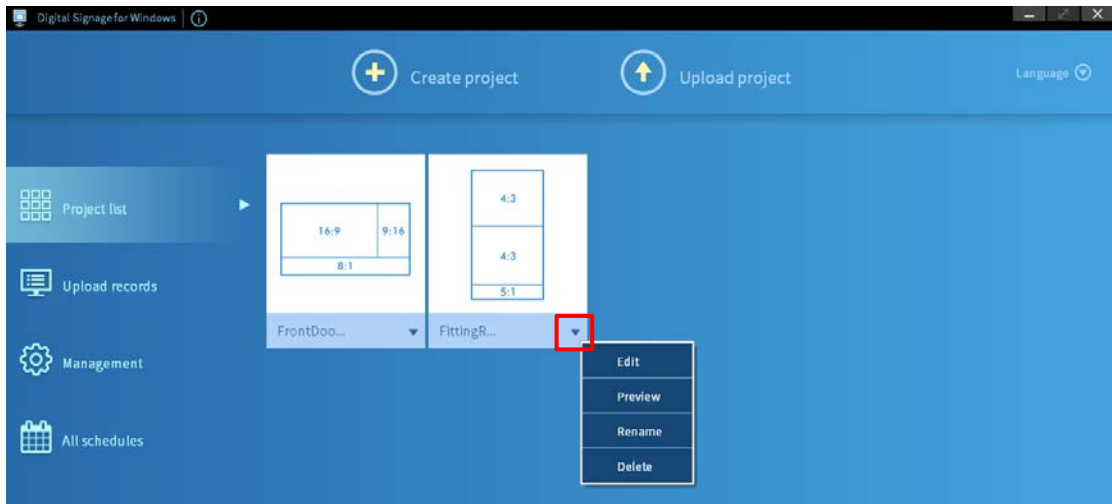
Steps:

1. Schedule to start at the day and time you choose.
Twenty-four-seven: 24 hours a day, 7 days a week.
2. Press **Done** button to finish.



Note:

▼ button: Edit/ Preview/ Rename/ Delete the project.



3. Management

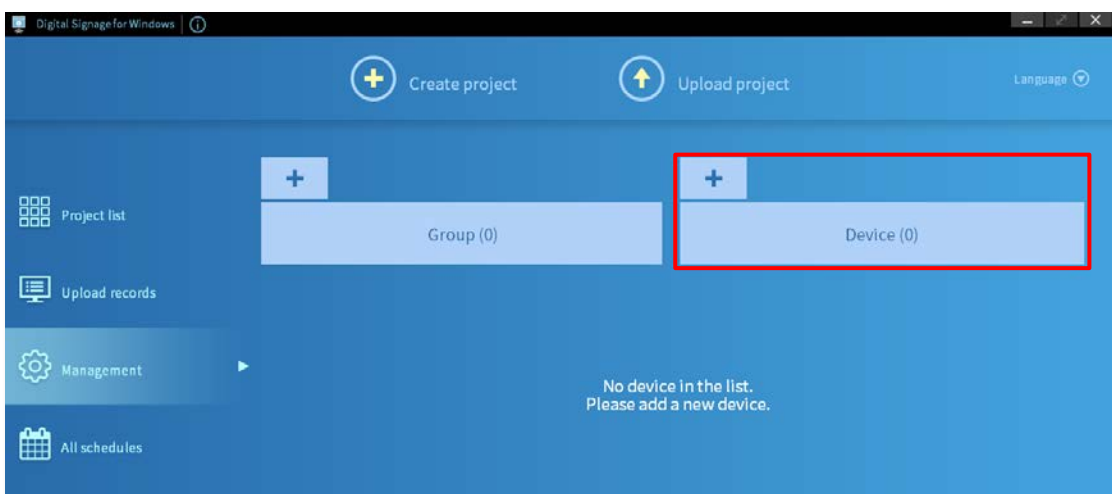
Before upload a project, you have to add at least one device via the + button of **Group** or **Device**. You can also group the devices into device groups.

3.1 Add device

Steps:

1. Press **Management** button.
2. Press + button to add at least one device.

Note: Make sure the built-in “DS Creator Pro” app on the NS02A8/E8 or NS02V2 series is running (so that the project content can be uploaded from your client device).

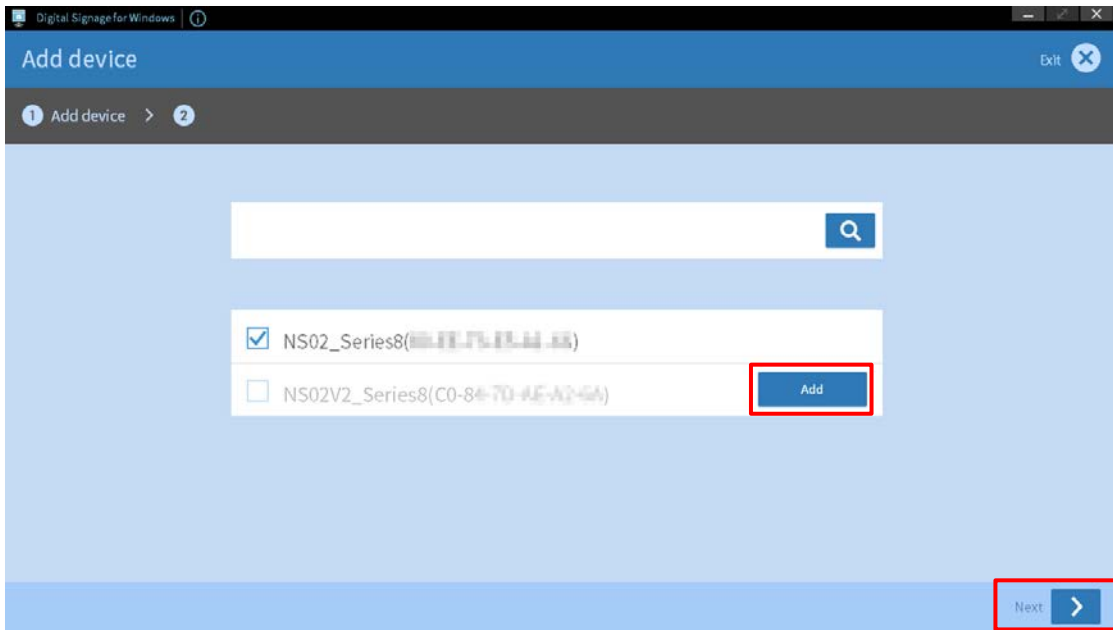


3. Press **Add** button to add single or multiple devices and then set the password. After setting, press

Next button.

Note:

- You can find the device through the **search bar**.
- When adding multiple devices, each device needs to be set with a password.

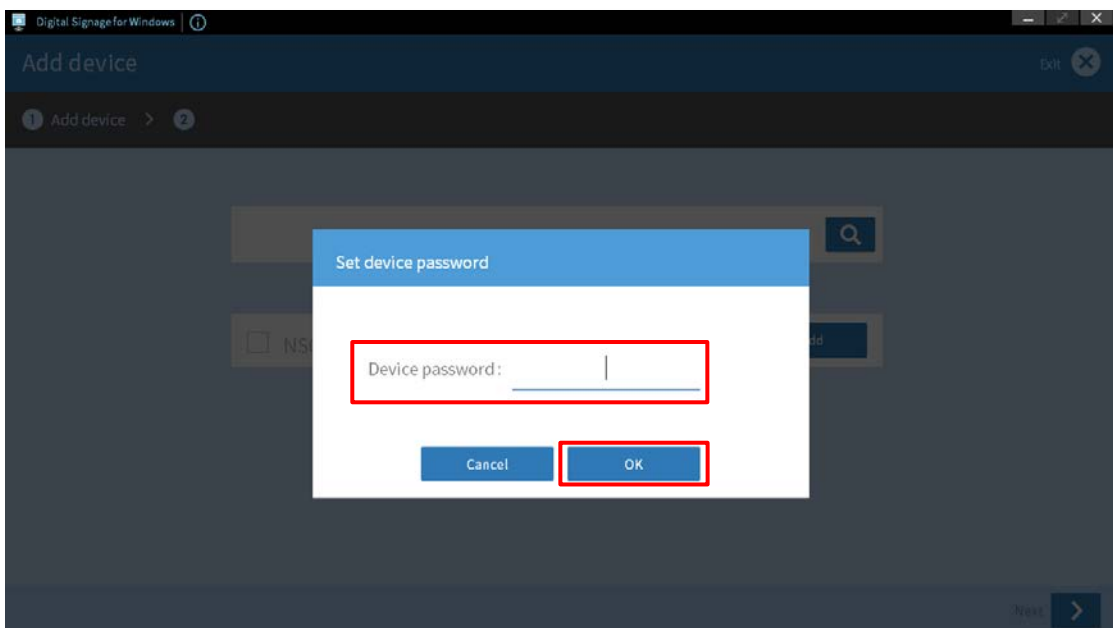


3.1.1 Set / Enter device password

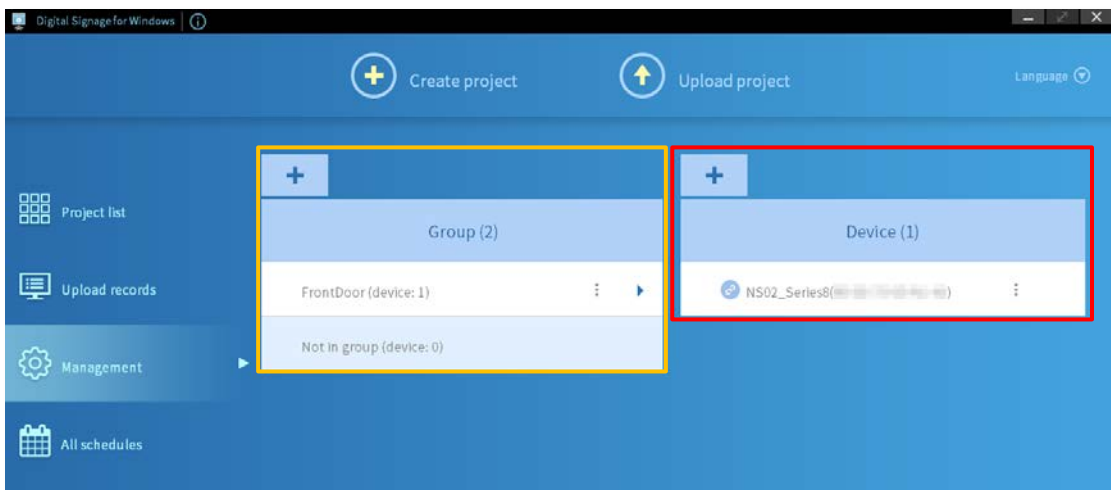
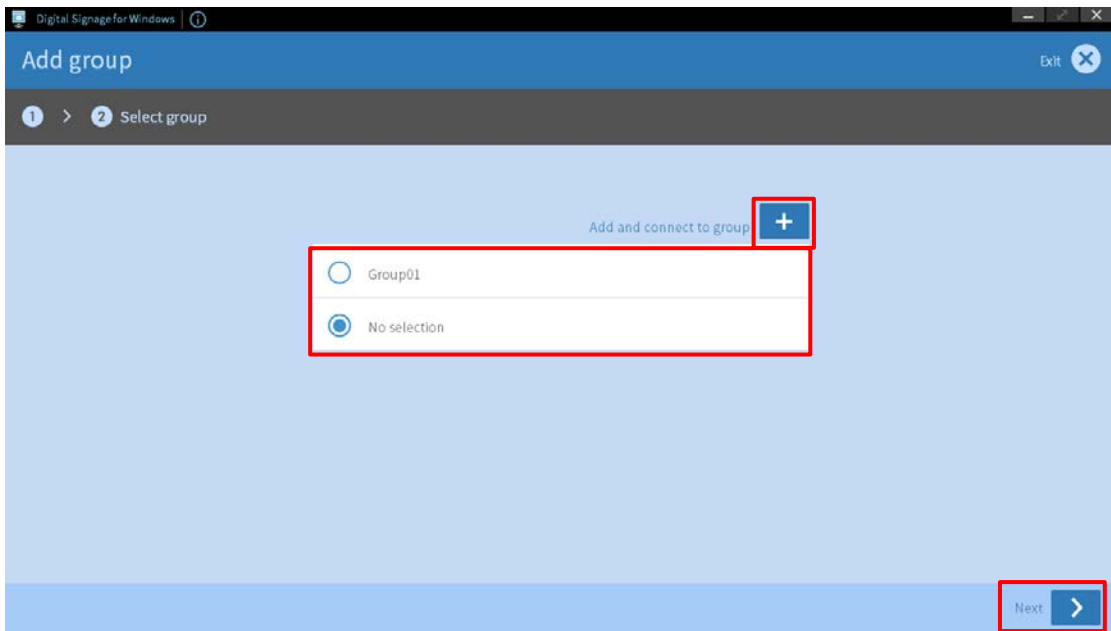
Set/ enter a device password and press **OK** button to finish.

Note:





- The first time you connect to the device, you need to set a password.
- After setting the device password, when connecting again, you need to enter the device password before uploading the project.



4. You can select the device into a device group or press **No selection** button.
5. Press **Next** button to continue to the next step.



Note:

1. Device status:  device connected,  device not connected.
2. Not in group:
 -  button: Add to group/ Rename device/ Delete device.
 - **Add to group**: select a group to add.
 - **Rename device**: rename the device name (when the device is connected ONLY).
 - Note:**
Special characters are not allowed: quotation marks (") ('), dash mark (-), slash (/), comma (,), blank.
 - **Delete device**: delete the device.
3. In group (named group):
 -  button: Change group/ Quit group/ Rename device/ Delete device.
 - **Change group**: select a group to add.

- **Quit group:** remove device from group.
- **Rename device:** rename the device name (when the device is connected ONLY).


Note:

Special characters are not allowed: quotation marks (") ('), dash mark (-), slash (/), comma (,), blank.


- **Delete device:** delete the device.

3.1.2 Forget device password



Once you forget the NS02V2 & NS02 series device password, you have to go to the NS02 device's Settings page and tap **Factory Reset**, then set the device password again.

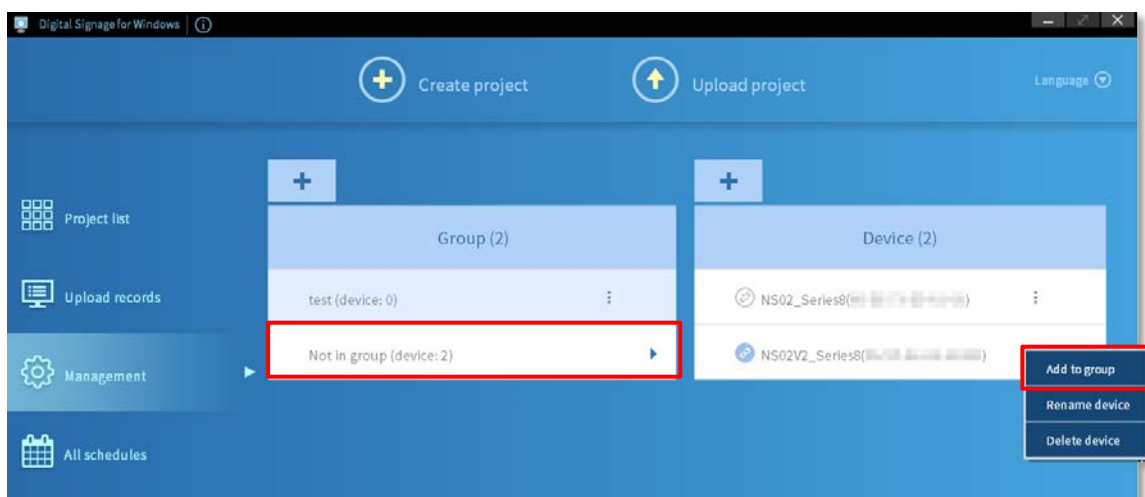
1. Tap Settings  > **System**
2. **Reset options** > **Erase all data (factory reset)**
3. **Tap Erase all data button**

3.1.3 Add device to group

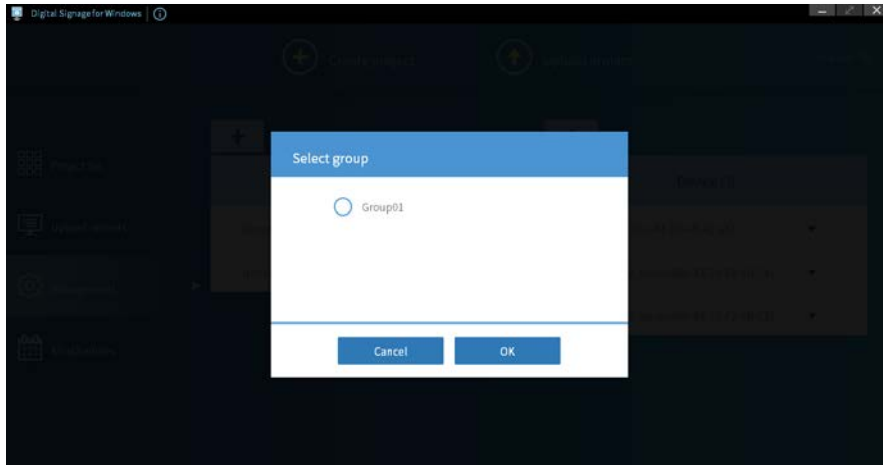
1. Press a group name of the bound device.
2. To add a device to a group, press  button and then press **Add to group** button.

Note:

1. Device status:  device connected,  device not connected.
2. **Not in group** is the default group that cannot be deleted.



3. Select a group and press **OK** button.

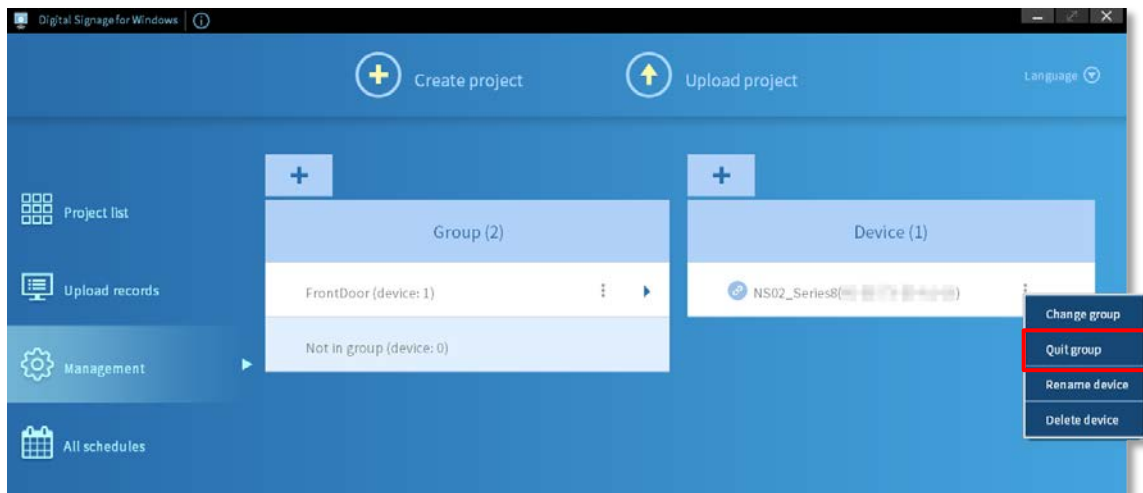


3.1.4 Remove device from group

1. Press a group name of the bound device.
2. Press **Quit group** button.

Note:



1. Device status:  device connected,  device not connected.

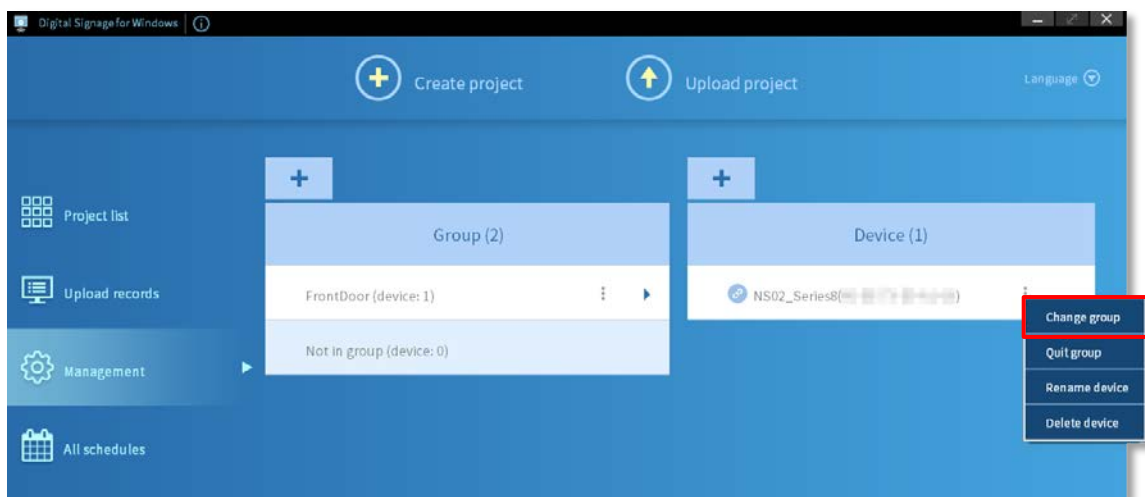


3.1.5 Change device to other group

1. Press a group name of the bound device.
2. Press **Change group** button.

Note:



1. Device status:  device connected,  device not connected.

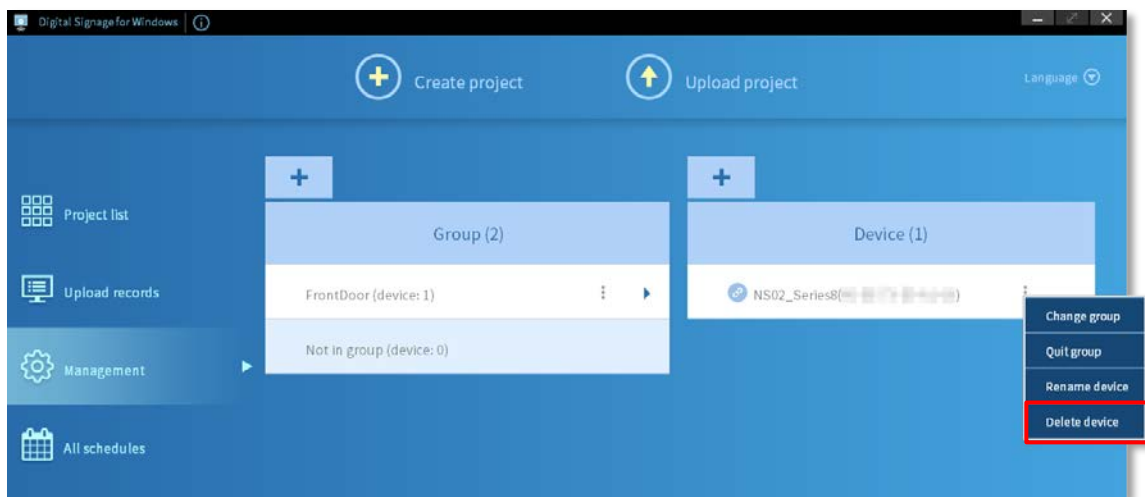


3.1.6 Delete device

1. Press a group name of the bound device.
2. Press **Delete device** button.

Note:

1. Device status:  device connected,  device not connected.

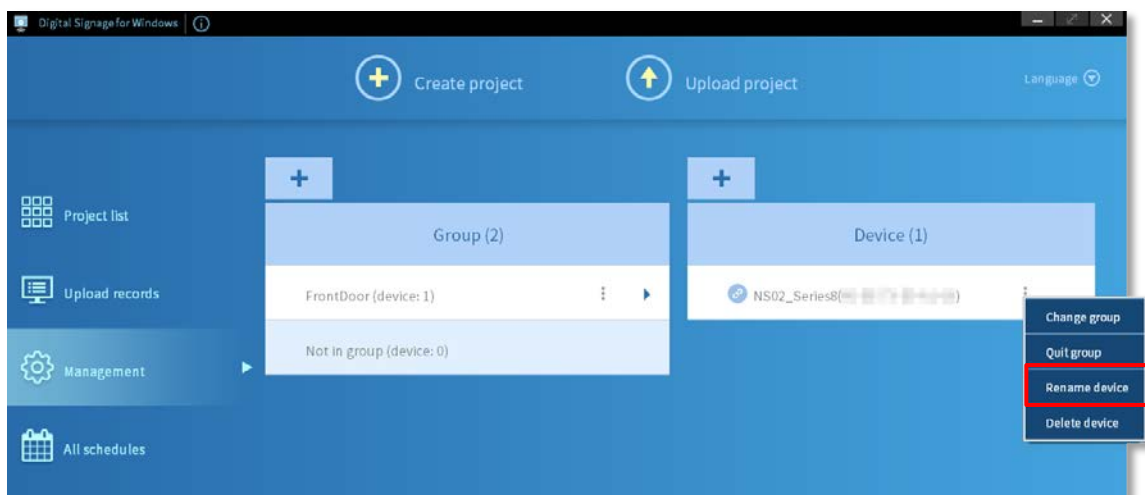


3.1.7 Rename device

1. Press a group name of the bound device.
2. Press **Rename device** button.

Note:

1. Device status:  device connected,  device not connected.



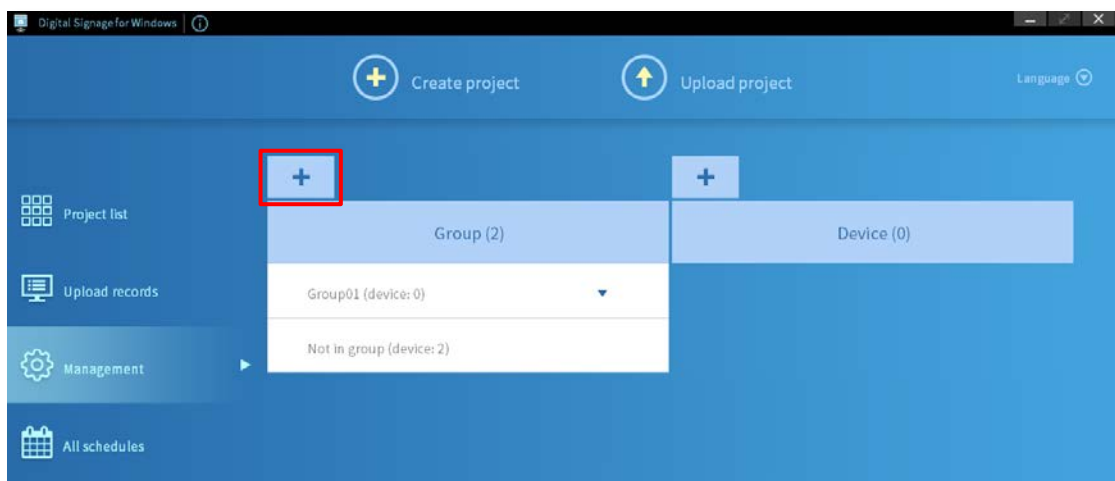
3.2 Add group

Steps:

1. Press **Management** button.
2. Press **+** button to create a group.

Note:

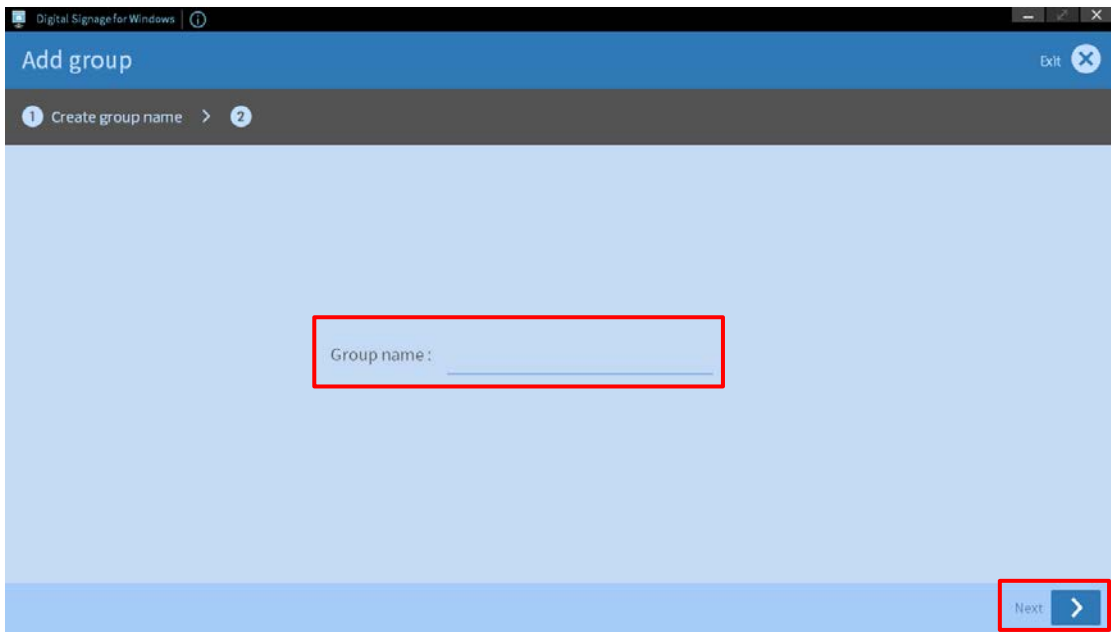
Not in group is the default group that cannot be deleted.



3. Enter group name and then press **Next** button to continue to the next step.

Note:

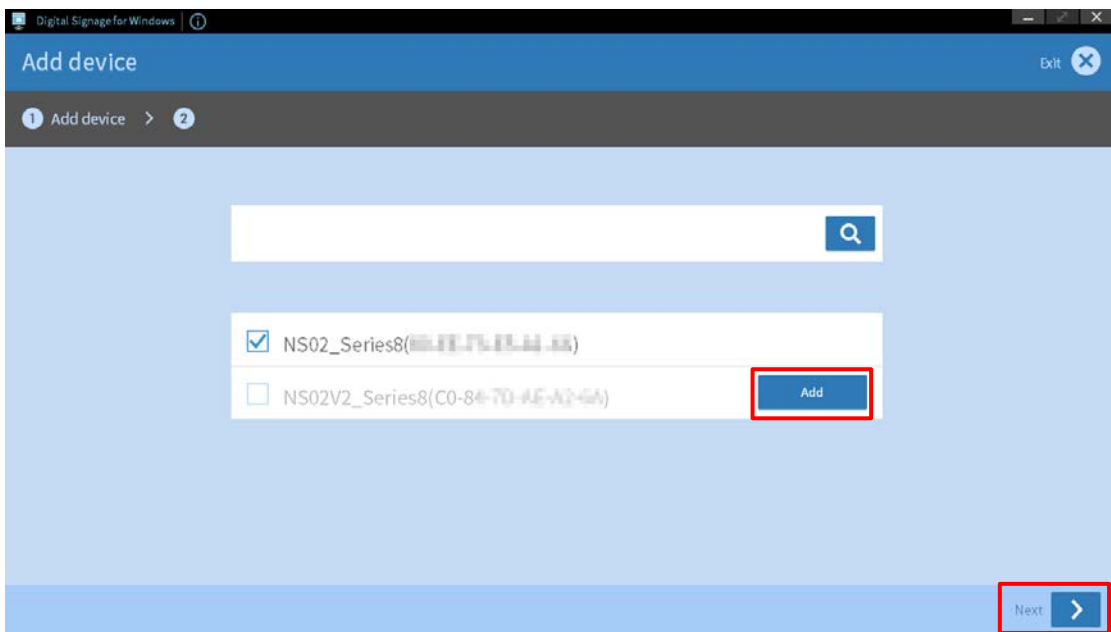
Special characters are not allowed: quotation marks (") ('), dash mark (-), slash (/), comma (,), blank.



4. Press **Add** button to add single or multiple devices and then set/ enter the password. After setting, press **Next** button.

Note:

- You can find the device through the **search bar**.
- When adding multiple devices, each device needs to be set with a password.

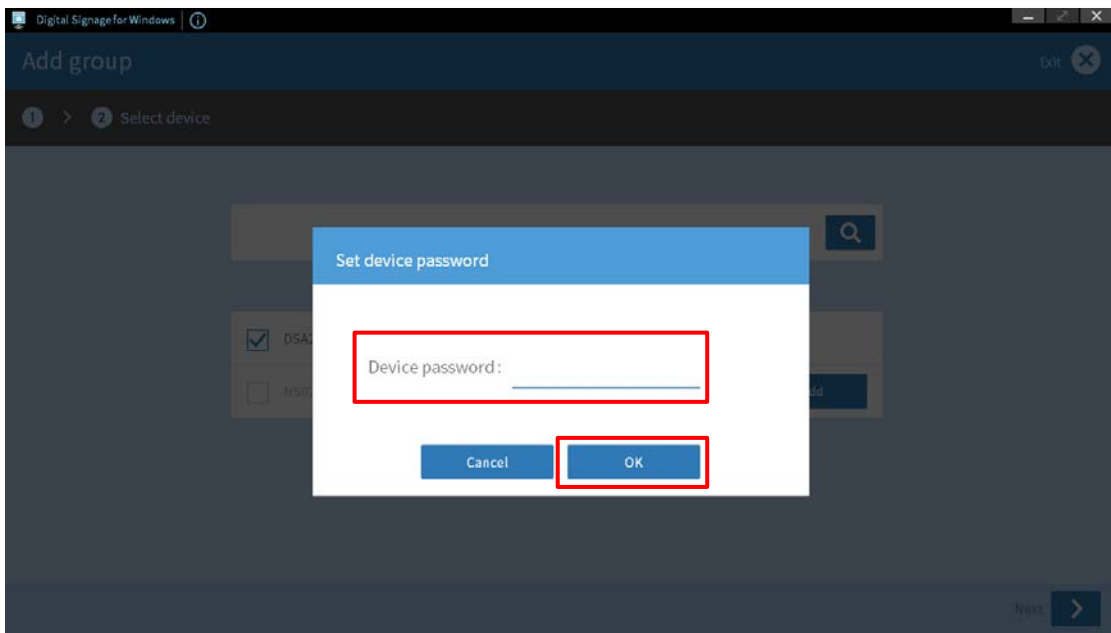


5. Set/ Enter device password and then press **OK** button to finish.

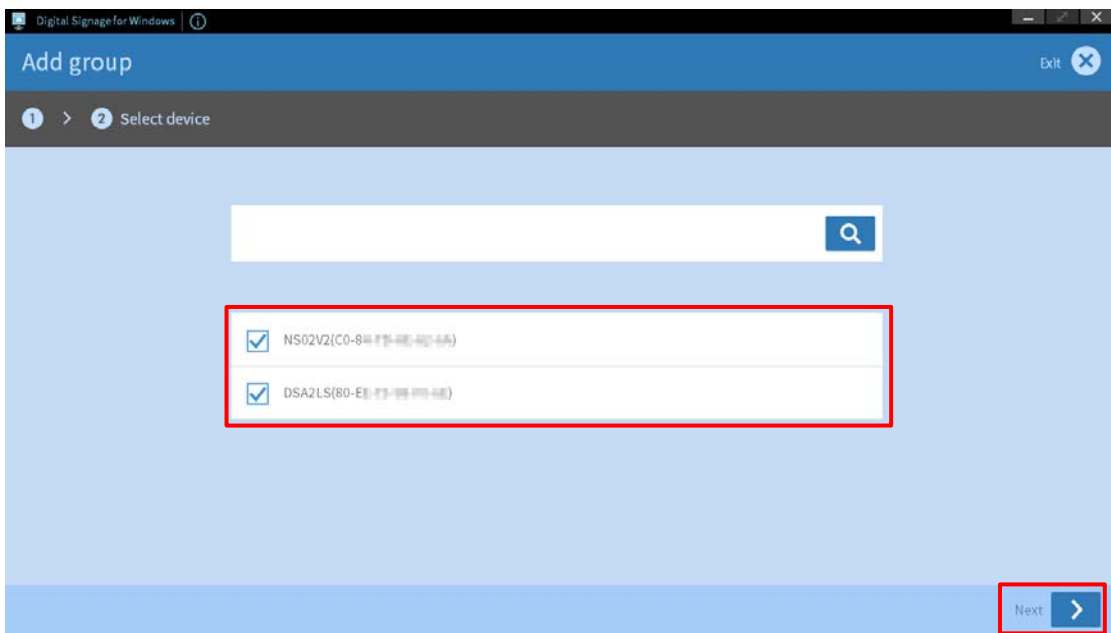
Note:

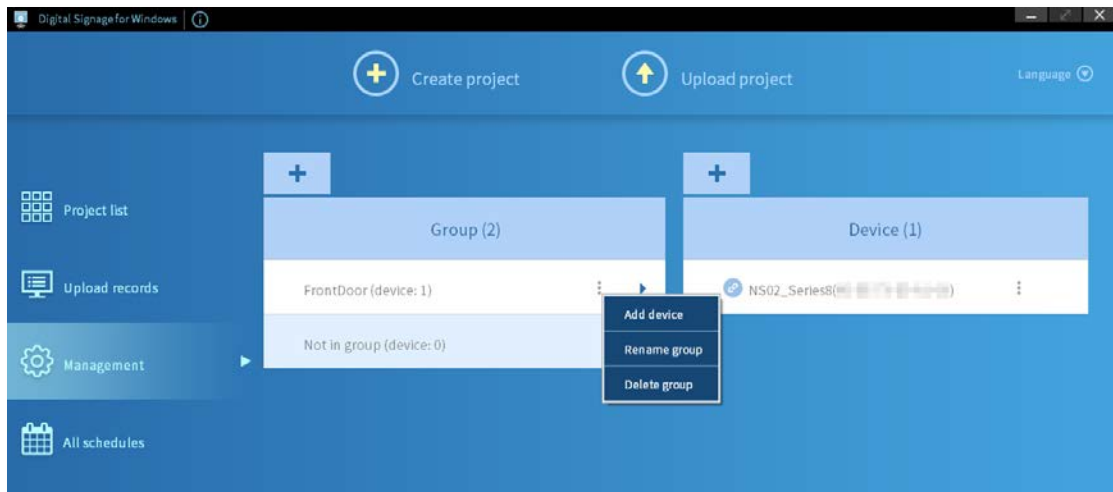
- The first time you connect to the device, you need to set a password.

- After setting the device password, when connecting again, you need to enter the device password before uploading the project.
- Forget the device password, please refer to [3.1.2 Forget device password](#).



6. Add devices into group and then press **Next** button to continue to the next step.






Note:

1. Device status:  device connected,  device not connected.

2. In group (named group):

 button: Add device/ Rename group/ Delete group.

- **Add device:** select a device to add.
- **Rename group:** rename the group name (when the device is connected ONLY).


Note:

Special characters are not allowed: quotation marks (") ('), dash mark (-), slash (/), comma (,), blank.

- **Delete group:** delete the group.

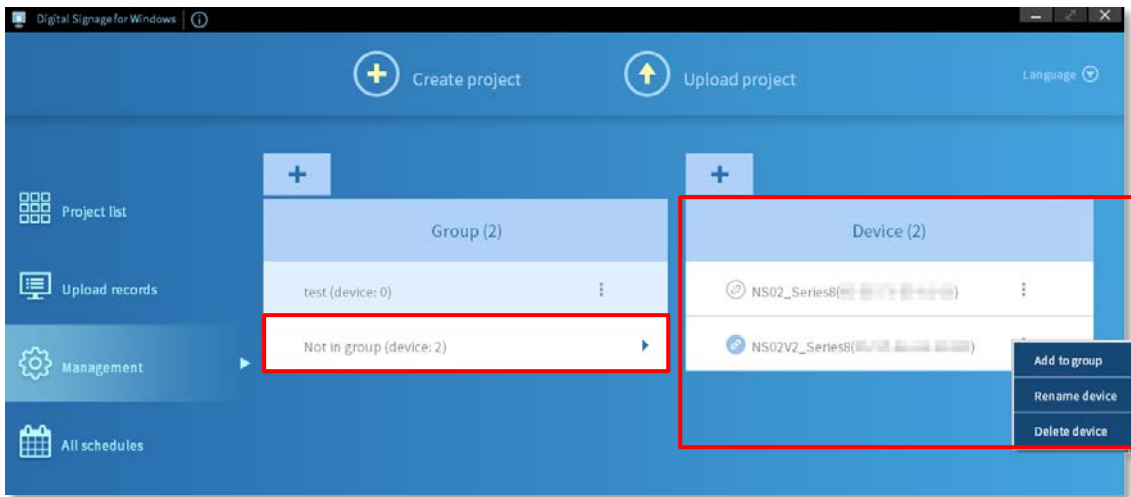
3.2.1 Device is not in group

1. Device connected


For devices are not in the group, you can press  button and then press **Add to group**, **Rename device** or **Delete device** button for your needs.

Note:


Device status:  device connected,  device not connected

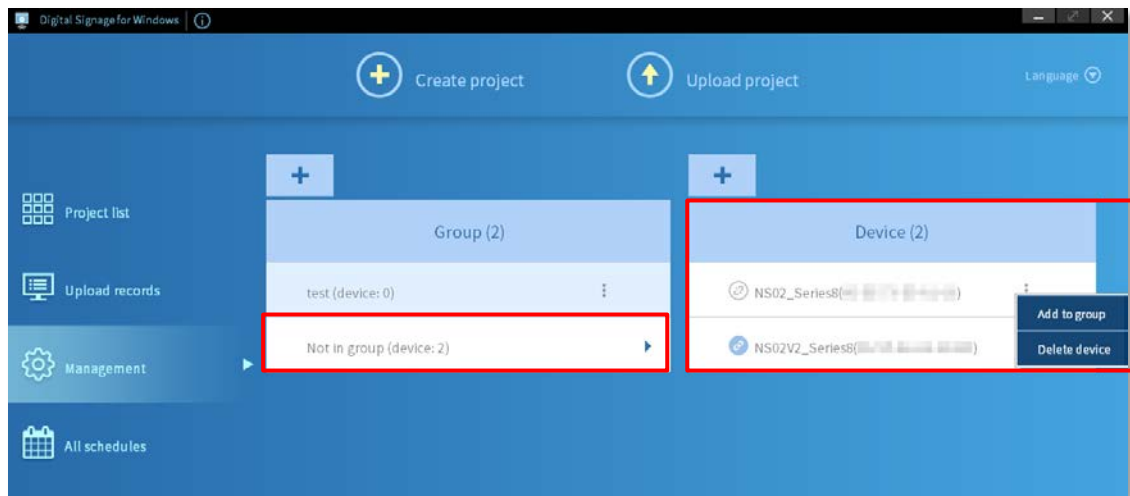


2. Device not connected

For devices are not in the group, you can press  button and then press **Add to group** or **Delete device** button for your needs. In addition, the device must be confirmed to be connected to push the project.


Note:

Device status:  device connected,  device not connected



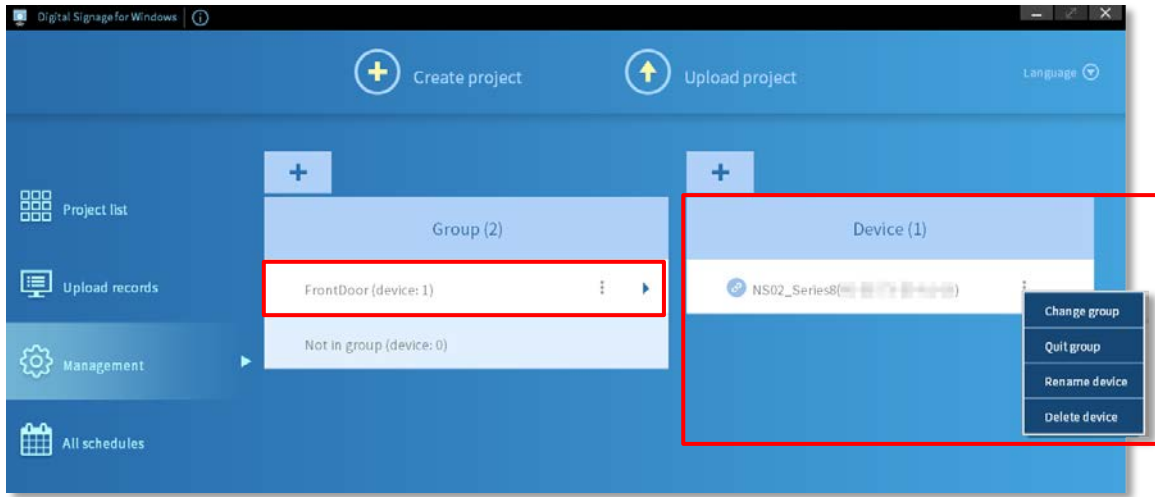
3.2.2 Device is in the group

1. Device connected


For devices that have joined a group, you can press  button and then press **Change group**, **Quit group**, **Rename device** or **Delete device** button for your needs.

Note:

Device status:  device connected,  device not connected



2. Device not connected

For devices that have been added to a group, you can press  button and then press **Change group**, **Quit group** or **Delete Device** button for your needs. In addition, the device must be confirmed to be connected to push the project.

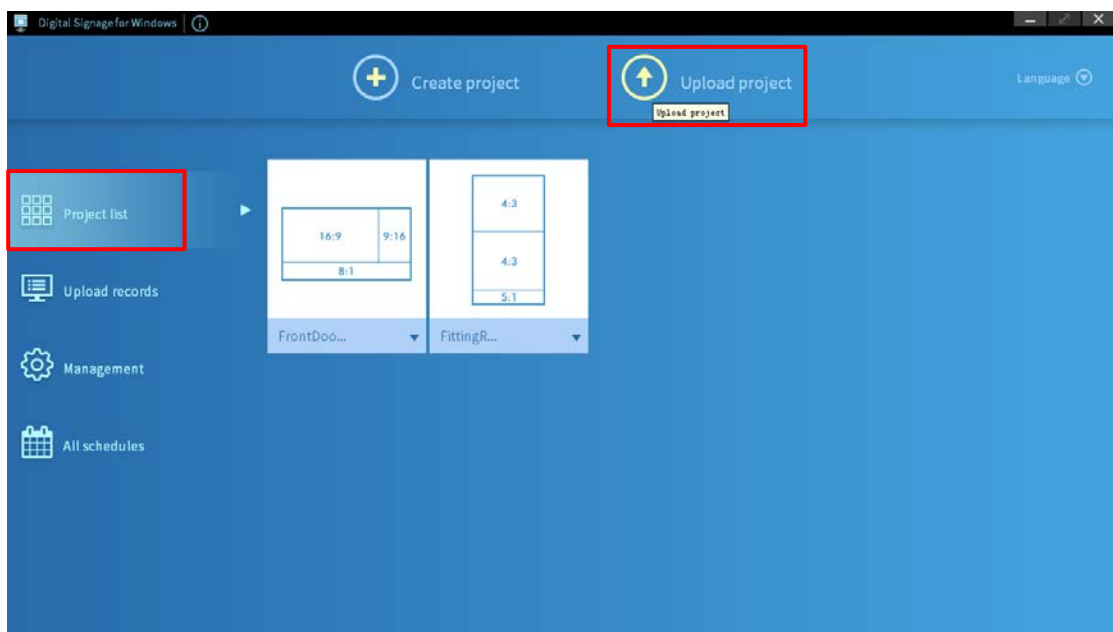
Note:

Device status:  device connected,  device not connected

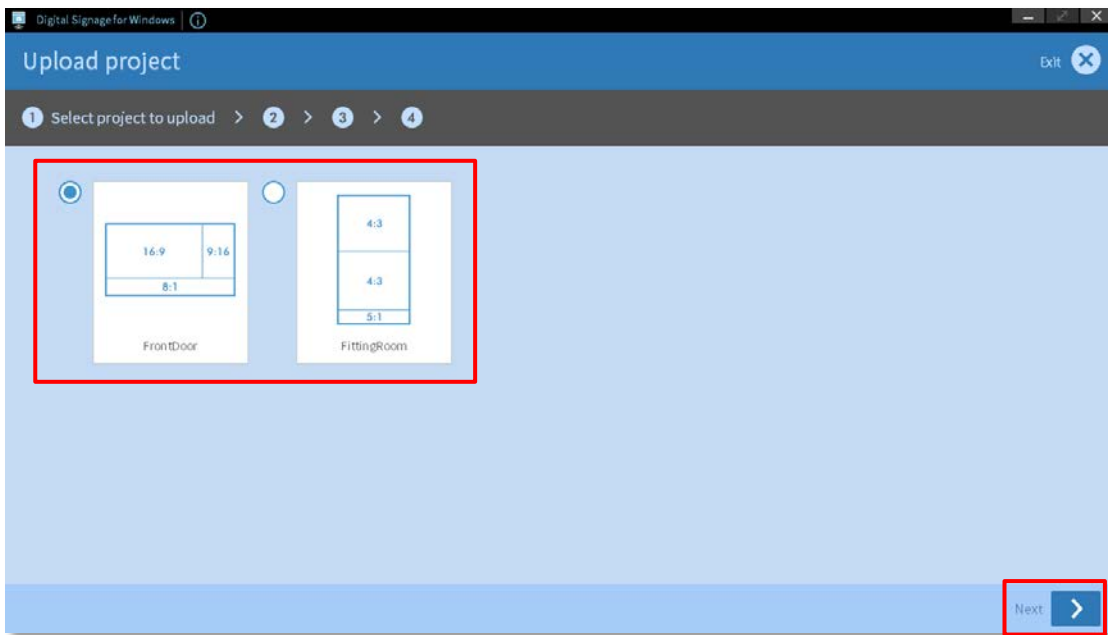
3.3 Project upload

Steps:

1. Press **Project list** button on the main menu.
2. Press **Upload project** button at the top of the screen.



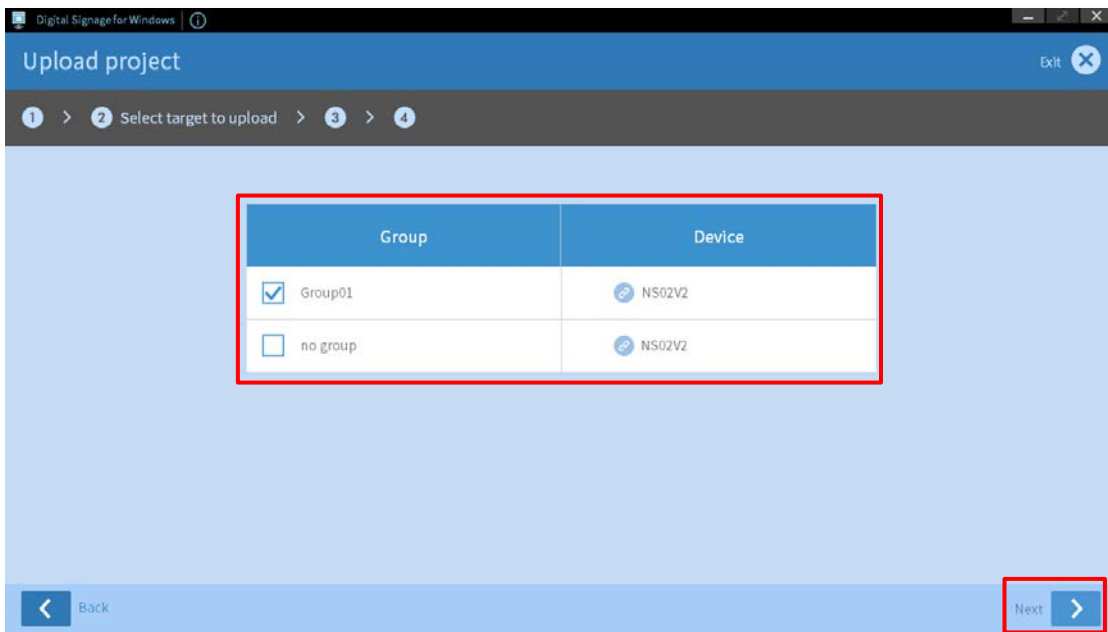
- select a project and then press **Next** button to continue to the next step.



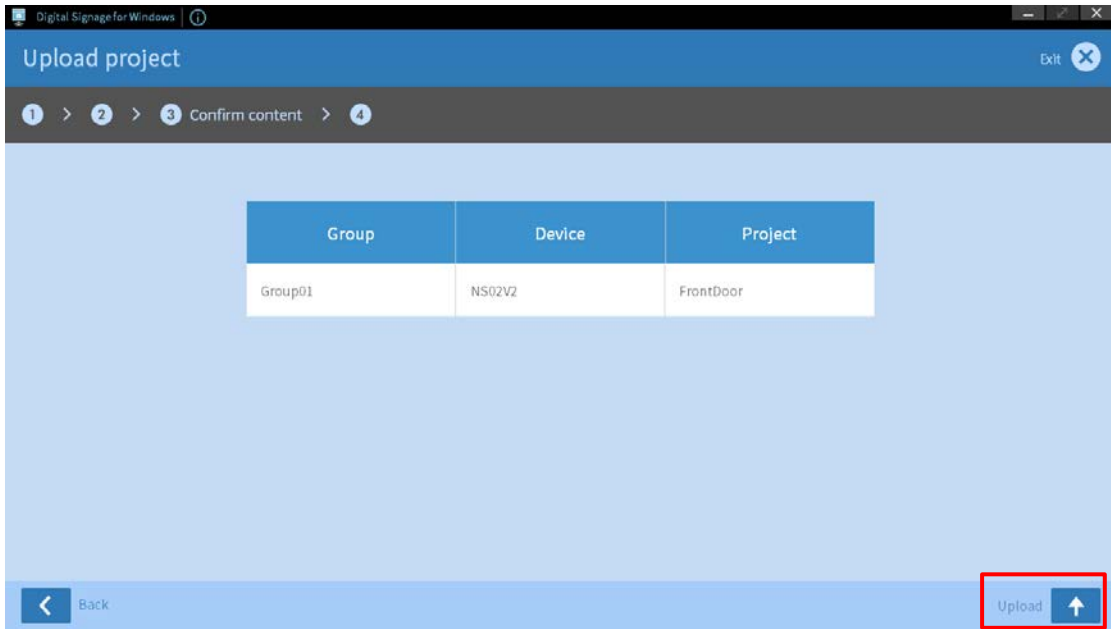
- Select a device or a group and then press **Next** button to continue to the next step.

Note:

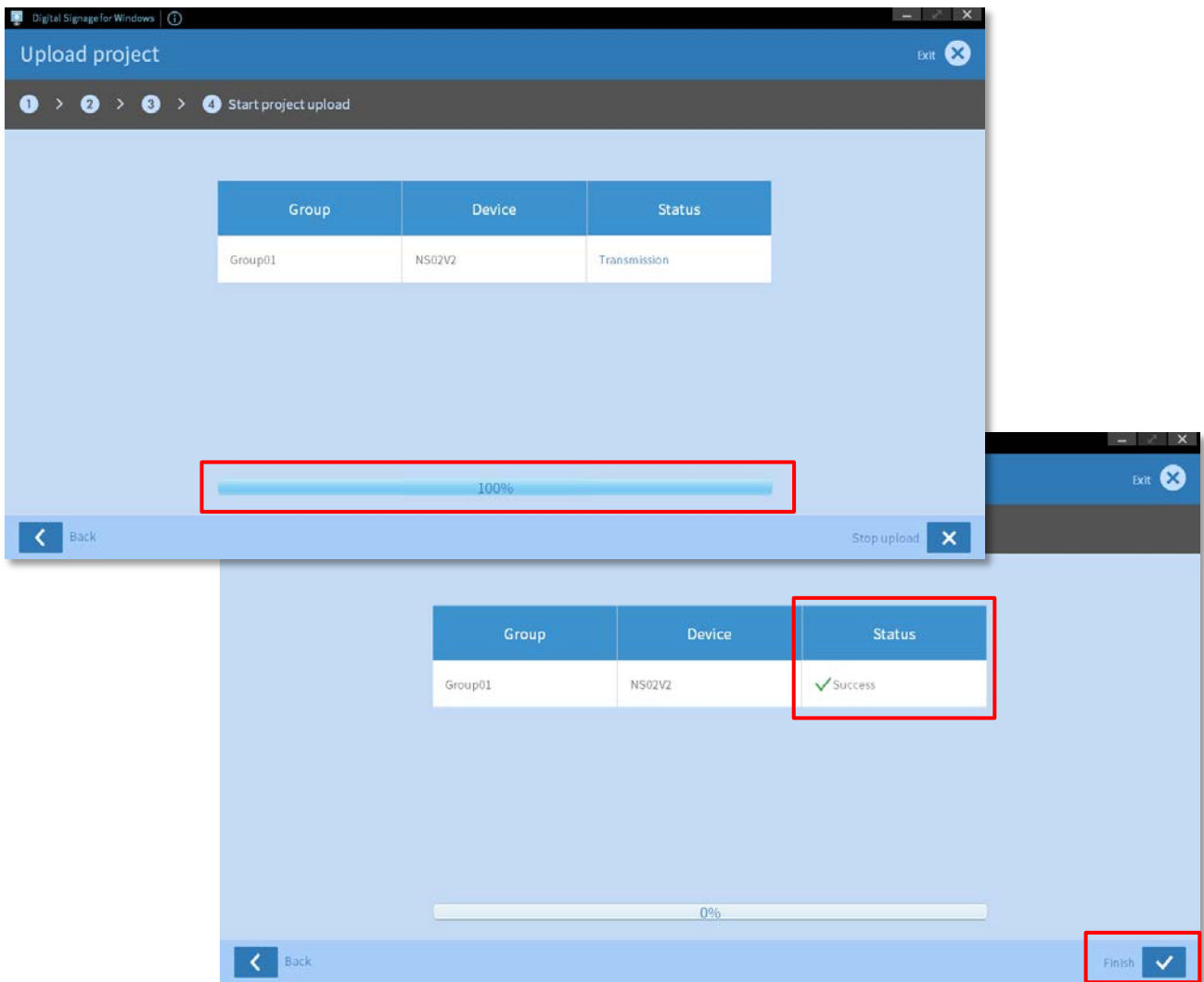
If you cannot find the device, please go to the **Management** page to confirm that the specified device is connected.



- Press **Upload** button to continue to the next step.

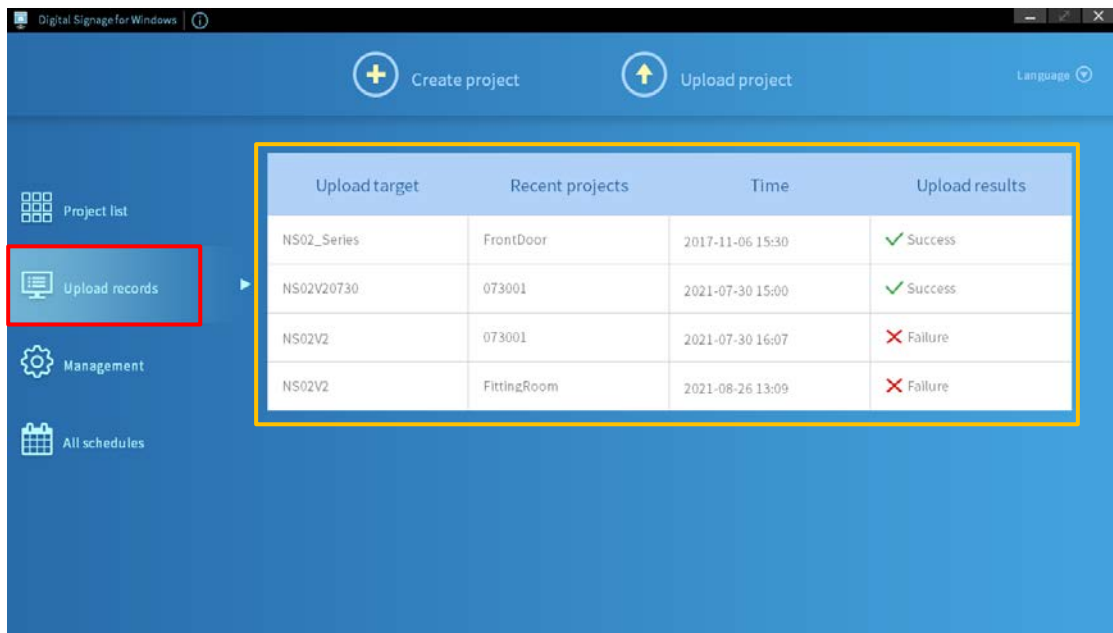


6. After upload successful, press **finish** button to continue to the next step.



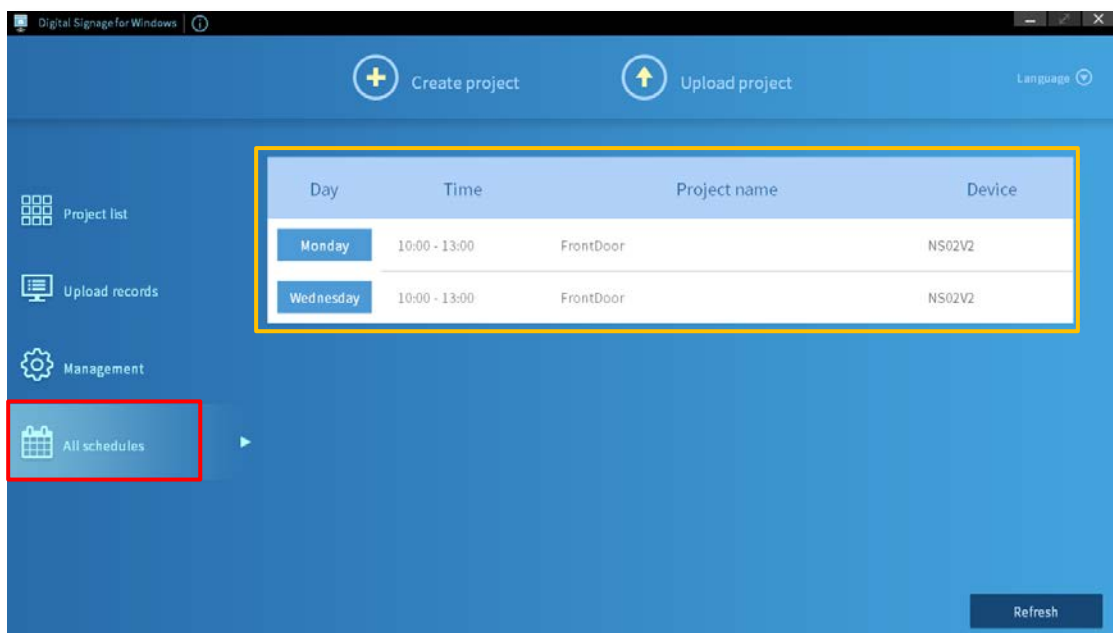
4. Upload records

Tracking lists help give users to check upload history.



5. All schedules

All schedules will then appear on the schedule list.





Shuttle Inc.

<http://global.shuttle.com>

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