

Packing Bridge

User Manual

VER 1.00

About the User Manual

This document contains the instructions for the operator of the **Packing Bridge** program. Please read this User Manual before using the product to ensure correct usage.

- This document explains how to use the product based on its defaults and default screens.
- The information in this manual may vary, depending on the product's software update and our policies, and is subject to change without notice to the user.

About Target Readers

This manual contains information for the operator using **Packing Bridge** program.

About Product Usage

Users of this product can perform the following operations:

- Linking the barcode data recognized by the barcode scanner with SSM

Before using this product, please make sure that the product is the latest software version. You can visit Hanwha Vision's product homepage (www.HanwhaVision.com) to check and download the latest software version.

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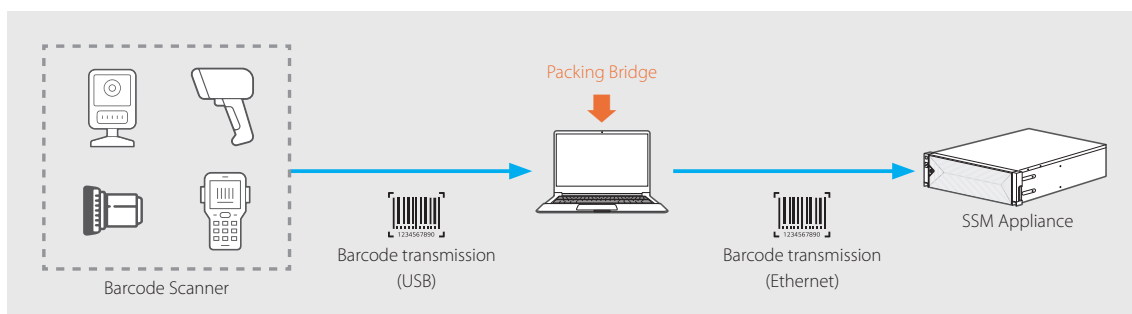
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Learn about Packing Bridge

Packing Bridge transmits the barcode data recognized by the barcode scanner to the SSM Appliance. The transmitted barcode data can be linked with SSM.

System Configuration

Packing Bridge does not require modifications or configuration changes to the programs in use, and it works as a reliable solution.



NOTE

- Packing Bridge is compatible with the keyboard wedge type barcode scanners, and the compatible models are as follows:
 - Zebra DS2208, DS9308, DS3678
 - Datalogic QD2590
 - Honeywell 7680G
 - Newland NLS-HR21
- When configuring a barcode scanner, be sure to add the Enter key value after the barcode data. (The method to add the Enter key value varies depending on the scanner model. For more information about the settings, please refer to the scanner's manual.)

System Requirements

The system requirement to run the Packing Bridge are as follows:

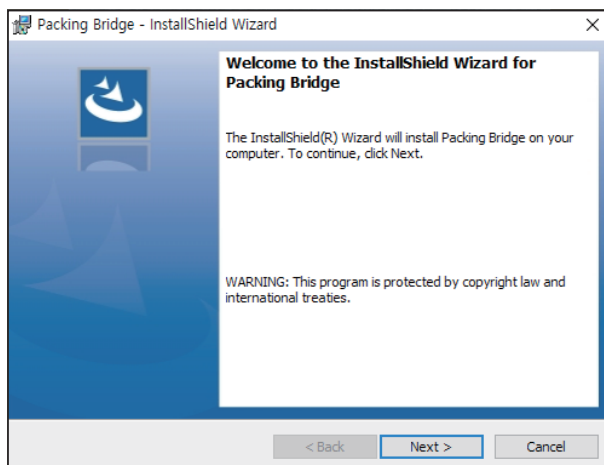
	Minimum Specifications	Recommended Specifications
OS	Windows 10 or later	Windows 10 or later
CPU	I3	I7
RAM	4 GB	8 GB
Resolution	FHD	UHD

Install the Packing Bridge

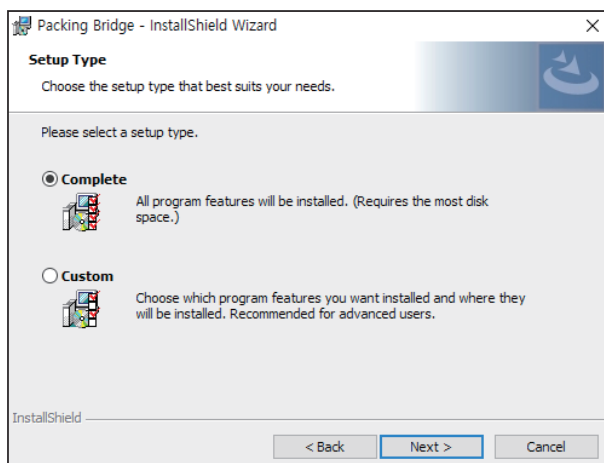
You can download and install the Packing Bridge program from the Hanwha Vision website (www.HanwhaVision.com).

1. Run Packing Bridge Installer.exe.

If the installation wizard appears, click **Next**.

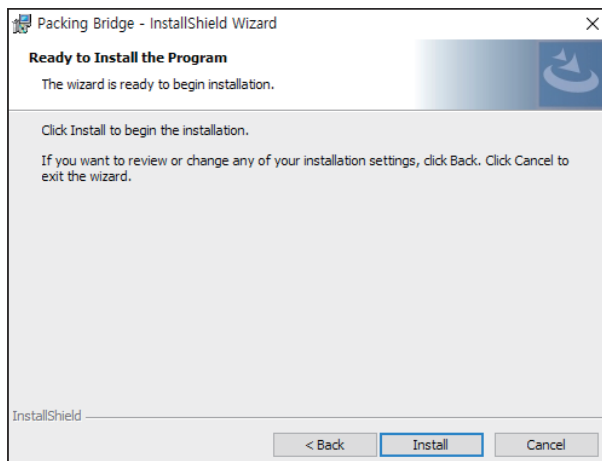


2. Select Complete and then click Next.



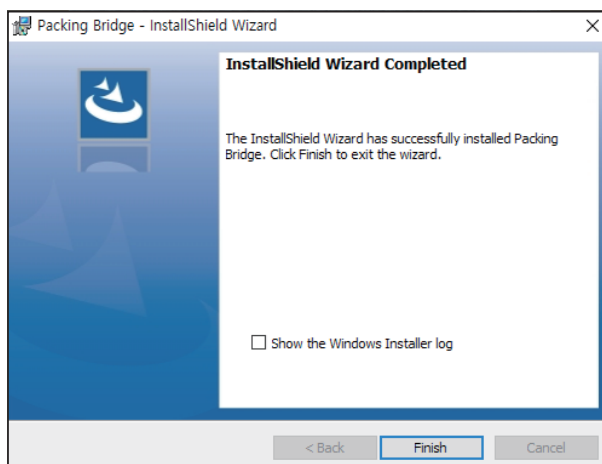
3. Click **Install**.

The installation of the Packing Bridge proceeds.

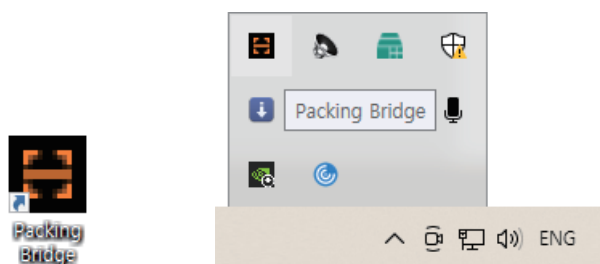


4. When installation is complete, click **Finish** to exit.

The Packing Bridge program is automatically started.



- You can see the shortcut icon for the Packing Bridge on the desktop. The icon also appears when  **Show hidden icons** is clicked on the taskbar.

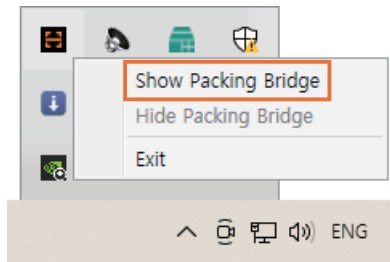


Start the Packing Bridge

If the installation of the Packing Bridge is completed, you can run the program.

When logging on to Windows, the Packing Bridge startup message appears and the program is automatically started.

Double-click **Packing Bridge** in the  **Show hidden icons** on the taskbar or right-click to select **Show Packing Bridge** from the context menu.



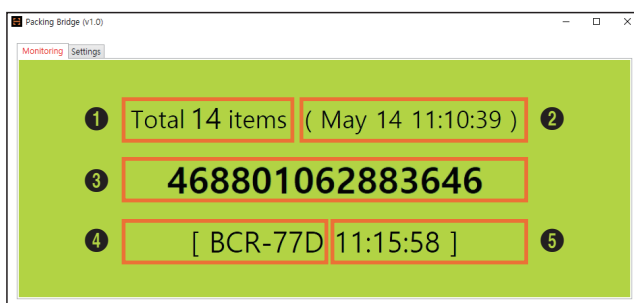
Monitor the Packing Bridge

If the Packing Bridge program is run, the **Monitoring** screen appears.

You can check the barcode data received from the barcode scanner in real time.

Learn about the Monitoring Screen

The Packing Bridge **Monitoring** screen is configured as follows:



Screen configuration	Description
①	The number of barcodes transmitted to SSM appears.
②	The execution time of the Packing Bridge appears.
③	The last recognized barcode number appears.
④	If Configuration > Barcode > Send Each to Each Camera is selected, the model name of the last recognized barcode scanner appears.
⑤	The time when the last barcode was recognized appears.

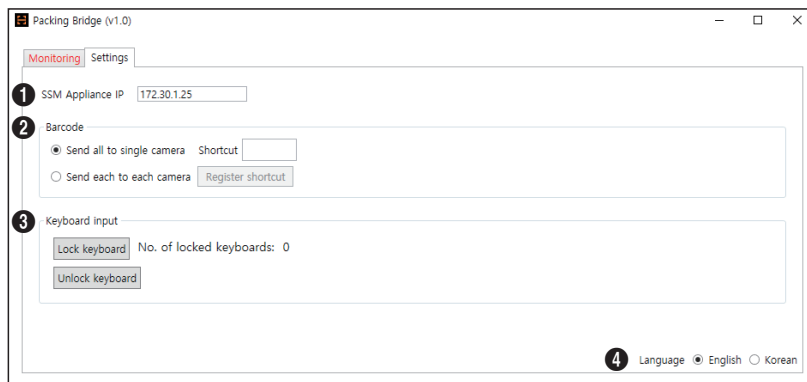
Set the Packing Bridge

After running the Packing Bridge program, select the **Settings** tab.

You can set the IP of SSM Appliance, and map the camera and barcode scanner through the shortcut setting.

Learn about the Settings Screen

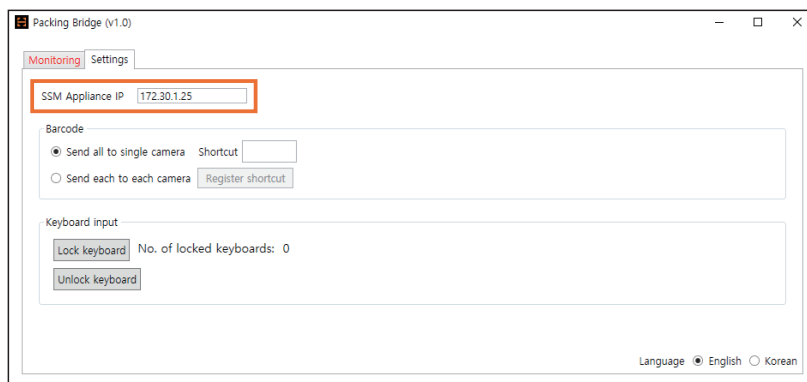
The **Settings** screen of the Packing Bridge is configured as follows:



No.	Configuration Item	Description
❶	SSM Appliance IP	You can set the IP of the SSM Appliance to which the recognized barcode data is to be transmitted.
❷	Barcode	You can set the shortcut of the barcode scanner. Enter the same shortcut to the camera that has already been set or is to be set in the SSM Console Client. • Send all to single camera: Barcode data from multiple barcode scanners is sent to a single camera. • Send each to each camera: Barcode data from each barcode scanner is sent to individual cameras.
❸	Keyboard Input	You can turn on or off any keyboard to block.
❹	Language	You can set the language to use in the program.

Set the SSM Appliance IP

You can set the IP of the SSM Appliance to which the recognized barcode data is to be transmitted.



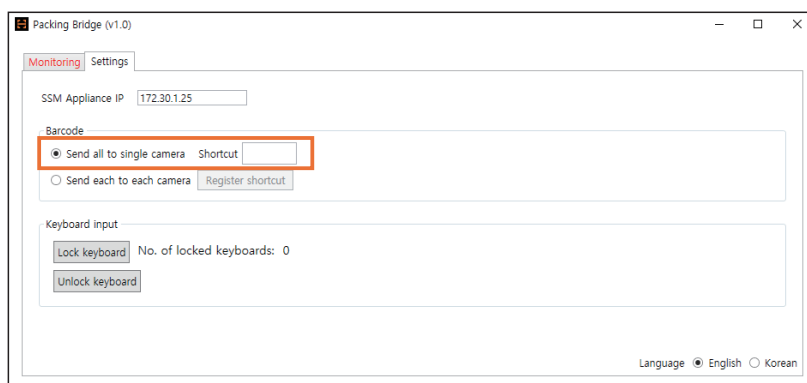
Map the Barcode Scanner and Camera

When scanning barcodes, you can set a shortcut to map the barcode scanner and camera so that the same barcode data is transmitted to the SSM Console Client and Packing Bridge.

Send All to Single Camera

You can transmit the barcode data from all barcode scanners to a single camera.

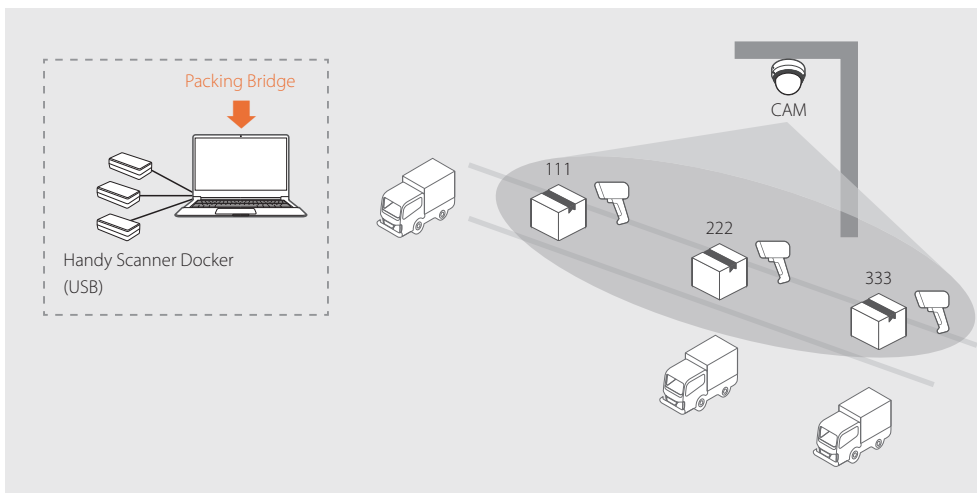
Enter the shortcut of the camera to map.



■ [Use Case 1] When workers perform monitoring and item packing at the same time



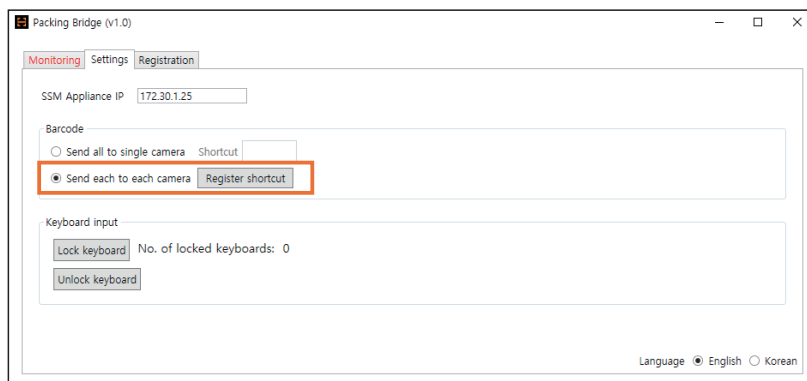
■ [Use Case 2] When loading or unloading workers are within a single camera area



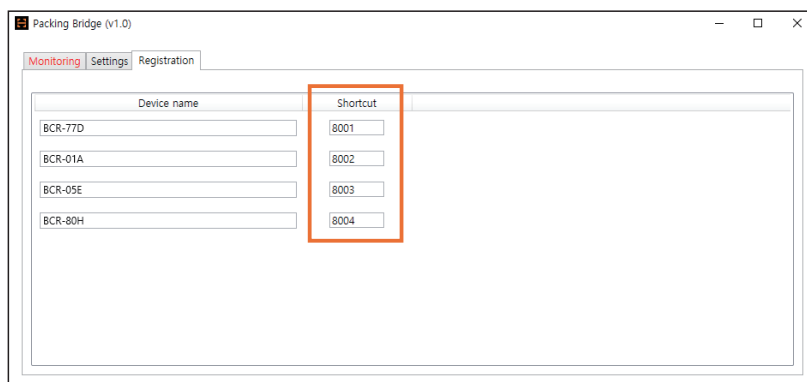
Send Each to Each Camera

Barcode data for each barcode scanner(up to 4) can be transmitted to each mapped camera.

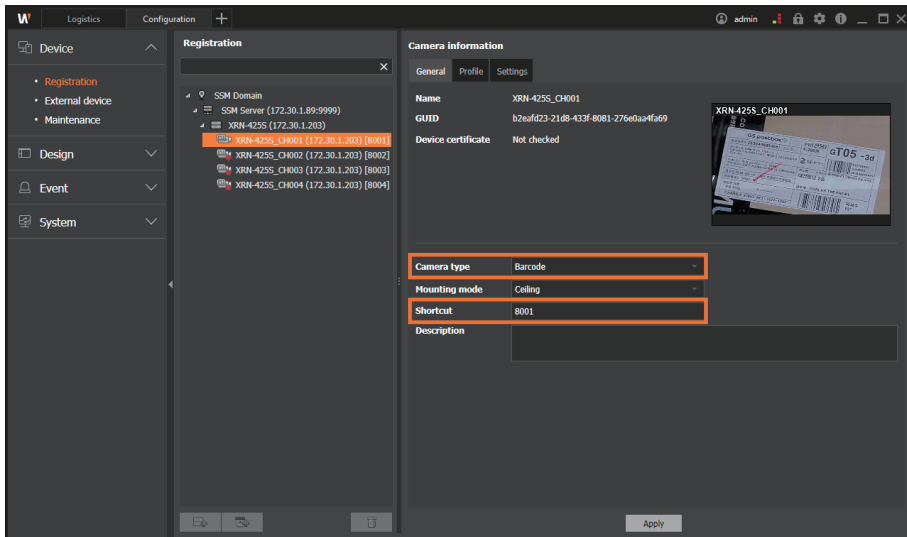
1. Click **Register shortcut** to go to the **Registration** tab.



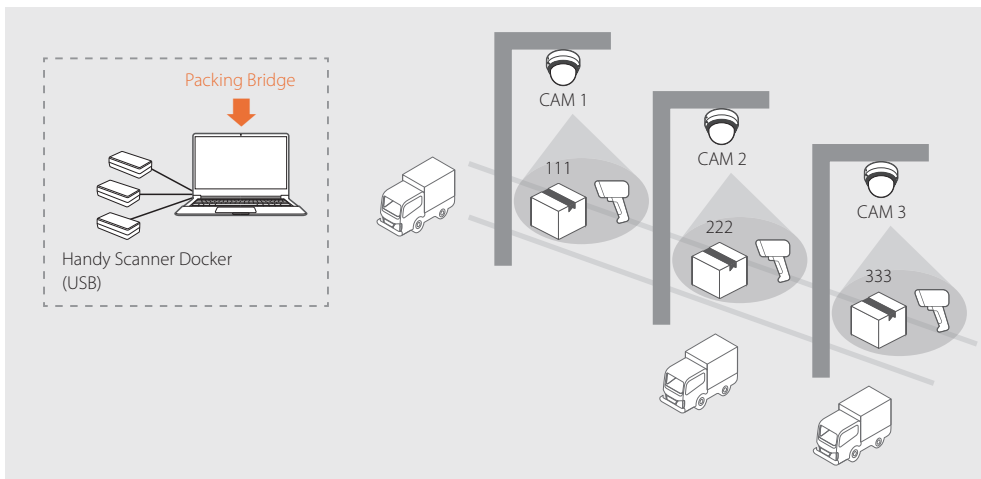
2. Enter the same shortcut as in the camera registered in the SSM Console Client.



- Select a desired camera in **SSM Console Client > Configuration > Device > Registration** to check the camera shortcut.
- For more information about the configuration, please refer to the User Manual of the SSM Logistics.



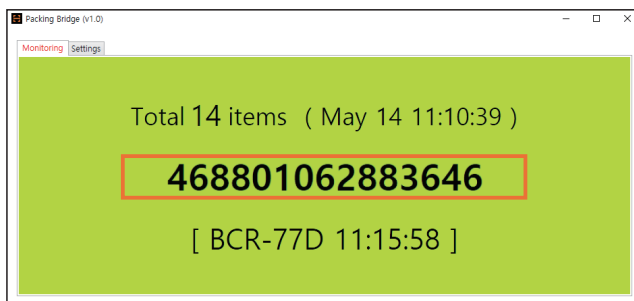
■ [Use Case] When each worker is within each camera area



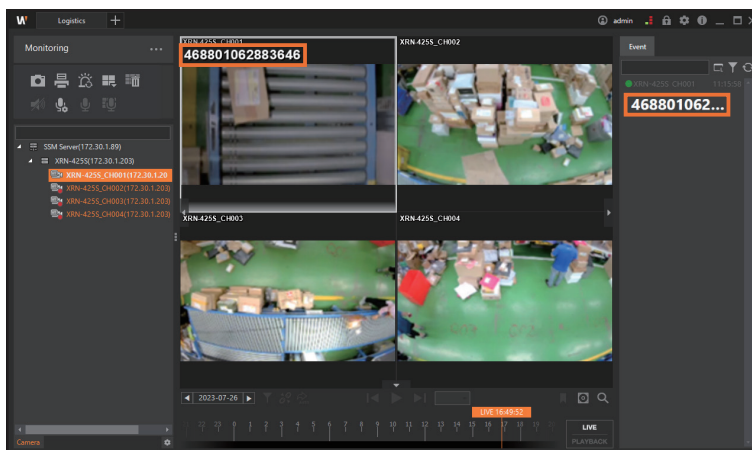
Check Operation

After completing the barcode scanner and camera mapping, check whether the scanned barcode data has been transmitted to the SSM Console Client and Packing Bridge successfully.

- Packing Bridge



- SSM Console Client



NOTE

Barcode data transmitted to SSM supports uppercase letters and numbers.

Learn about License Policies

To use the Packing Bridge program with third-party BCR cameras in the SSM Console Client, apply the bridge license.

You can use as many license channels as you purchase.

For the license authentication method, please refer to the Administrator Manual of the SSM Console Client.

Check the License

The bridge license information can be checked in **SSM Console Client > Configuration > Device > Registration > Server information**.

