

Vision Exchange

Software Upgrade Program

License Registration & Installation Key Generation Guide

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Software specifications and related documentation are subject to change without notice.

About the Software Upgrade Program

This document describes the Software Upgrade Program (SUP) provided for customers who have purchased Vision Exchange.

The following types of license are available in SUP.

Name	Description
Vision Exchange Main Unit	Initial SUP license (1 year) for PEQ-C100/PEQ-C130
PES-C10	Initial SUP license (1 year) for PES-C10
PEQ-C1SU	Additional SUP license for PEQ-C100/PEQ-C130
PES-C1SU	Additional SUP license for PES-C10

Software Upgrade Program (SUP)

Vision Exchange software is updated periodically to provide increased functionality and to support updates to the operating system of devices (PCs and tablets). In addition, Vision Exchange requires matching versions of software on devices comprising the Vision Exchange system. Regular upgrading of software on devices via SUP is recommended.

SUP is a license program that grants you the rights to obtain the latest version of software available for supported devices. Each license establishes a valid period of 1 year, during which time you can upgrade software using a generated installation key for the latest version.

A 1-year subscription in the Software Update Program (initial SUP license) is bundled with each Vision Exchange device (main unit, Pod PC) when the device is purchased. After the initial SUP license expires, you can continue using Vision Exchange, but without the ability to upgrade to the latest version of software (software release is scheduled several times a year). To continue using the latest version of software after the initial SUP license expires, it is necessary to purchase an additional SUP license.

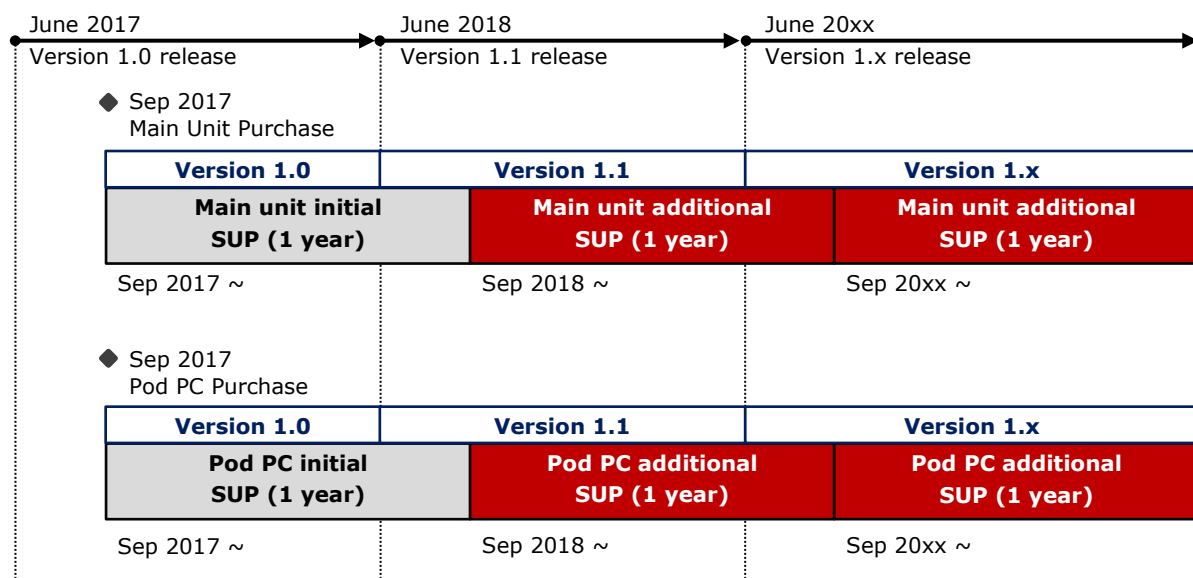
The SUP license period can be extended beyond 1 year by purchasing multiple additional SUP licenses. For example, a valid period of 3 years for a device can be obtained by purchasing two additional SUP licenses to add to the initial SUP license bundled with the device.

Valid period

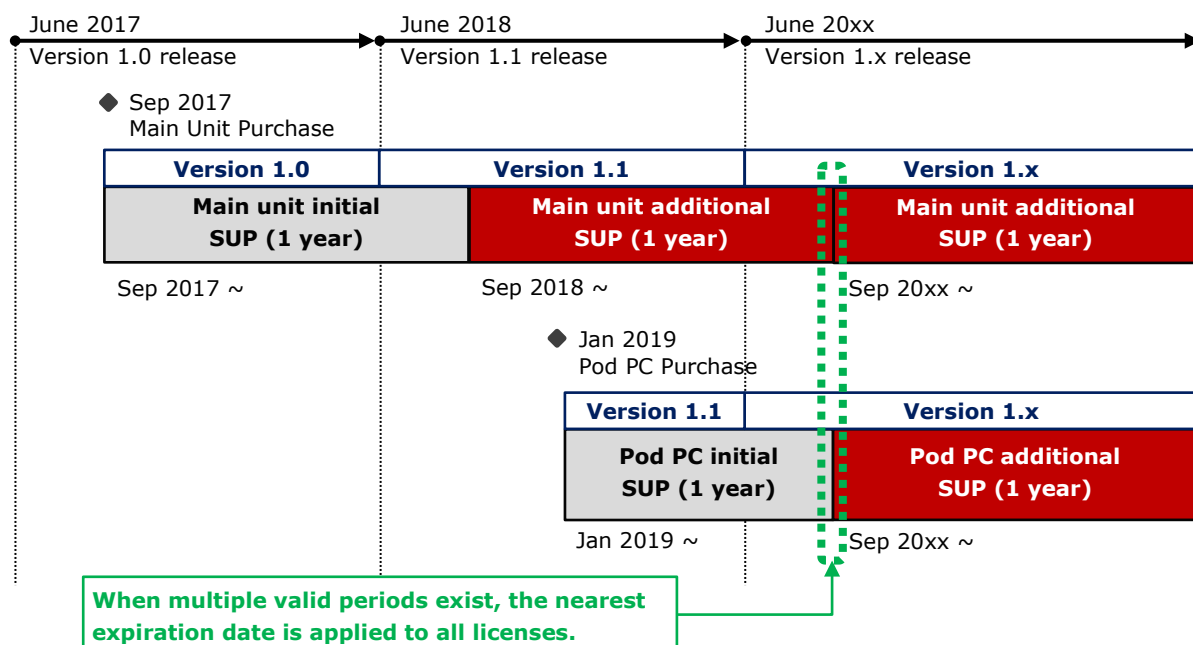
SUP licenses have a valid period of 1 year (fixed).

If you purchase an additional SUP license before the valid period of the current license expires, the valid period of the additional license starts from the day after the valid period of the current license expires.

Example of basic SUP period when main unit, Pod PC, or both purchased simultaneously

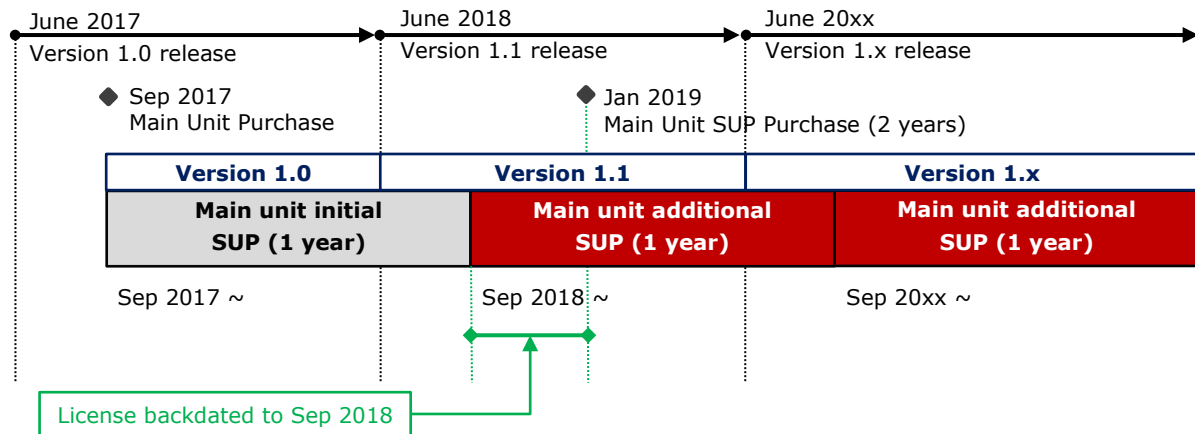


Example of SUP period when main unit and Pod PC purchased at different times



You can also apply a SUP license to a device after the valid period of a previous license has expired. However, in this case, the valid period is backdated and starts from the day after the valid period of the previous license expired.

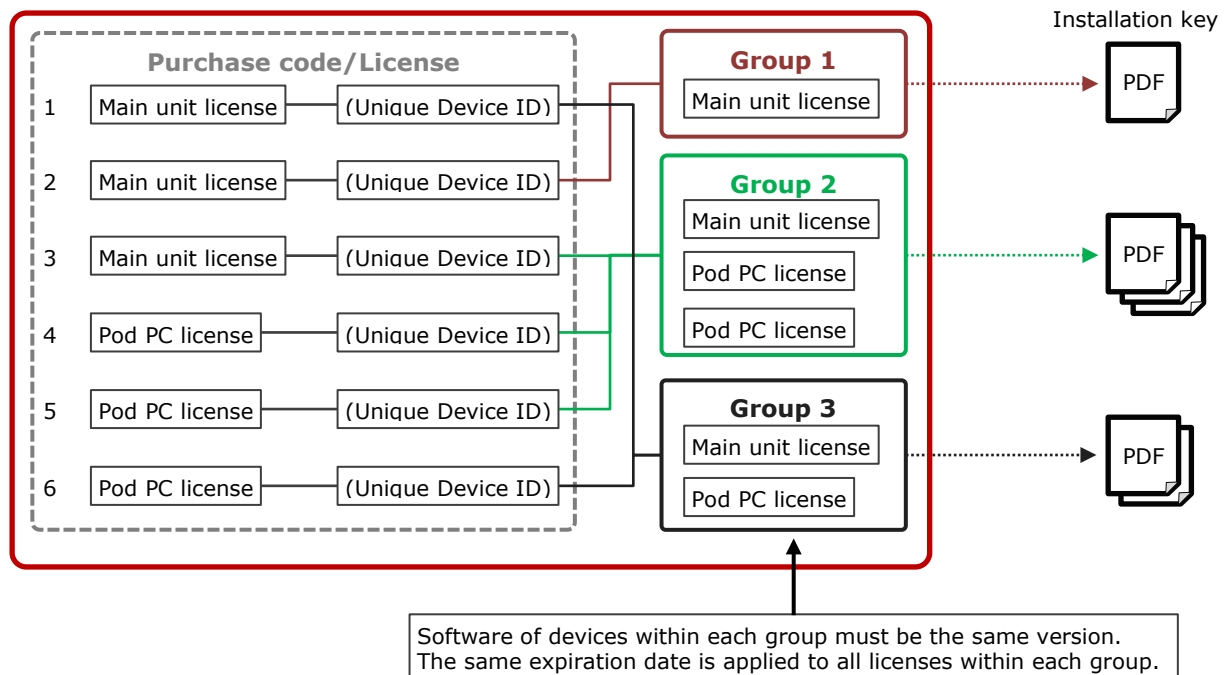
Example of SUP period when additional SUP license is purchased after expiry



Groups

Vision Exchange is a system commonly consisting of main units and Pod PCs, and the software versions of devices comprising the system need to be managed as a unit. SUP manages devices together by placing them in a group. Groups are created and managed using the “Upgrade and License Management Suite” website.

Software Upgrade Program structure



Notes

- It is still necessary to create a group even if the system comprises a single device (main unit or Pod PC).
- When building multiple systems, a group must be created for each system. It is recommended that you define group names and the structure of devices to be registered before creating any groups.

Getting Started

The purchase code and Unique Device ID of a device are required for the procedures in this document.

When registering a SUP license, a group will also need to be specified. It is recommended that you determine the groups needed beforehand to ensure smooth progress. Any group names can be chosen, but it is recommended that group names reflect the device structure or application.

The following shows a group configuration example and the information to prepare.

SUP			Supported device			Group
License name	Type	Purchase code ^{*1}	Device model name	Type	Device ID ^{*2}	
Vision Exchange Main Unit	Main unit initial SUP license	*****	PEQ-C130	Main unit	*****	Group-A
PEQ-C1SU SYX	Main unit additional SUP license	*****			*****	
PES-C10	Pod PC initial SUP license	*****	PES-C10 SYX	Pod PC	*****	
PES-C1SU SYX	Pod PC additional SUP license	*****			*****	
Vision Exchange Main Unit	Main unit initial SUP license	*****	PEQ-C130	Main unit	*****	Group-B
PEQ-C1SU SYX	Main unit additional SUP license	*****			*****	
PES-C10	Pod PC initial SUP license	*****	PES-C10 SYX	Pod PC	*****	
PES-C1SU SYX	Pod PC additional SUP license	*****			*****	

*1: Purchase code: 18 characters (alphanumeric)

*2: Device ID: 16 characters (numeric)

A SUP license purchase code is provided with the device when Vision Exchange is purchased and when an additional SUP license is purchased.

The Unique Device ID is located as follows, depending on the type of device.

- **Main unit**

The Unique Device ID is on the barcode label attached to the carton. You can also launch Vision Exchange, open [Administrator Menu] – [License] page from the Home screen to check the Unique Device ID.

- **Pod PC**

Check the Unique Device ID in the Pod PC software installed on the Pod PC. For details about finding the Unique Device ID, refer to the operating instructions for the device.

Structure of the [My Purchases] Screen

Click [SOFTWARE UPGRADE PROGRAM] on the [My Purchases] screen to display the SUP purchase history and the current registered licenses in each group.

The screenshot shows the 'My Purchases' screen with the following structure:

- (1) [FUNCTION LICENSES] / [SOFTWARE UPGRADE PROGRAM] links:** Located at the top of the screen, below the 'My Purchases' header.
- (2) SUP purchase history:** A section titled 'Main Unit' showing a table of purchase history for the 'Main Unit' (PEQ-C100 and/or PEQ-C130). The table includes columns for PURCHASE CODE, REGISTRATION DATE, AVAILABLE/QUANTITY, GROUP, and OPTIONS. Below this is a section for 'Pod PC Software' (PES-C10) with a similar table.
- (3) Group registration information:** A section titled 'GROUPS' showing a table of group registration information. The table includes columns for MODULE TYPE, UNIQUE DEVICE ID, KEY VERSION ISSUED/LATEST, EXPIRATION DATE, LICENSE OPTIONS, and OPTIONS. The table is filtered by 'GROUP_A' and shows two rows of data.
- (4) [UPDATE] button:** A button located at the bottom right of the screen, used to update the information displayed.

(1) [FUNCTION LICENSES] / [SOFTWARE UPGRADE PROGRAM] links

Click to switch the display of the [My Purchases] screen. This section describes the information displayed when [SOFTWARE UPGRADE PROGRAM] is clicked.

(2) SUP purchase history

Displays information about the SUP licenses registered using this site. For details, see "SUP purchase history" (page 10).

(3) Group registration information

Displays the groups created using this site, and information about the SUP licenses registered in those groups. For details, see "Group registration information" (page 11).

(4) [UPDATE] button

Click to update the information displayed on the [My Purchases] screen.

SUP purchase history



Main Unit

Main Unit is the generic name for PEQ-C100 and/or PEQ-C130.

PEQ-C15U SYX License Duration: 1 Year
Subscribing to SUP allows you to receive new functionalities, improvements and features, continuous support for user devices and other benefits. When purchasing Vision Exchange, a complementary free one-year SUP subscription is bundled with the unit.

PURCHASE CODE	REGISTRATION DATE	AVAILABLE/QUANTITY	GROUP	OPTIONS
NEW CUTK2429A42HACD9UL	2018-12-17 18:34:40	1 / 2	GROUP_B	ACTIVATE ...
413ML9C19VMVQFHUL	2018-11-16 11:26:39	1 / 1		ACTIVATE ...
3QDXM1J0K1K9KNCXUL	2018-11-16 11:15:17	1 / 1		ACTIVATE ...
G6KQHKWBUXT2441PUL	2018-11-14 18:19:22	0 / 1	GROUP_A	...

Vision Exchange Main unit License Duration: 1 Year
Subscribing to SUP allows you to receive new functionalities, improvements and features, continuous support for user devices and other benefits. When purchasing Vision Exchange, a complementary free one-year SUP subscription is bundled with the unit.

PURCHASE CODE	REGISTRATION DATE	AVAILABLE/QUANTITY	GROUP	OPTIONS
NEW 3M4Y64RA8KA72B2UL	2018-12-17 18:34:25	0 / 1	GROUP_B	...
36LJWUTD98MKDW7UL	2018-11-16 11:26:22	1 / 1		ACTIVATE ...
3HQLT9B8NDX39TUL	2018-11-16 11:12:42	1 / 1		ACTIVATE ...
IUYC94HD6853CYSBUL	2018-11-13 18:51:18	0 / 1	GROUP_A	...



Pod PC Software

Pod PC Software is the generic name for PES-C10.

PES-C15U SYX License Duration: 1 Year
Subscribing to SUP allows you to receive new functionalities, improvements and features, continuous support for user devices and other benefits. When purchasing Vision Exchange, a complementary free one-year SUP subscription is bundled with the unit.

PURCHASE CODE	REGISTRATION DATE	AVAILABLE/QUANTITY	GROUP	OPTIONS
NEW R24TWQPR3QK1G0YUL	2018-12-17 18:35:09	5 / 10	GROUP_B	ACTIVATE ...
3F8PSSQH4PF9064HUL	2018-11-16 11:15:48	1 / 1		ACTIVATE ...
Y7X7CMYVCLJH366UL	2018-11-15 10:06:56	0 / 1	GROUP_A	...

PES-C10 SYX License Duration: 1 Year
Subscribing to SUP allows you to receive new functionalities, improvements and features, continuous support for user devices and other benefits. When purchasing Vision Exchange, a complementary free one-year SUP subscription is bundled with the unit.

PURCHASE CODE	REGISTRATION DATE	AVAILABLE/QUANTITY	GROUP	OPTIONS
NEW 3FA69PZXSUBQLCL7UL	2018-12-17 18:34:56	0 / 5	GROUP_B	...
2UBANWTHMLLKJQ2UL	2018-11-16 11:13:16	1 / 1		ACTIVATE ...
LY2TBFHY35GM48B1UL	2018-11-13 18:58:54	0 / 1	GROUP_A	...

(1) License name and duration

(2) Registered licenses

Displays the license purchase code, registration date, available number of licenses, and the group in which the licenses are registered. [AVAILABLE/QUANTITY] displays the number of currently registered SUP licenses (QUANTITY) and the number of SUP licenses that have not yet been activated (AVAILABLE).

Click [...] under [Options] to display the following items.

- **[Registered Devices]**

Displays information about the devices registered by the license. You can use this to check the device type and device ID. This item is displayed only for licenses that have been activated.

- **[Download Software]**

Use to download software for the devices covered by the license.

Group registration information

(1)

GROUPS					
GROUP B					GROUP EXPIRATION DATE:
MODULE TYPE UNIQUE DEVICE ID	KEY VERSION ISSUED/LATEST		EXPIRATION DATE	LICENSE OPTIONS	OPTIONS
Main Unit 2233441566778899	V 1.3	GET INSTALLATION KEY			...
Main Unit 1122334455667788	V 1.3	GET INSTALLATION KEY			...
Prod PC 7788990011223344	V 1.3	GET INSTALLATION KEY			...
Prod PC 6677889900112233	V 1.3	GET INSTALLATION KEY			...
Prod PC 4455667788990011	V 1.3	GET INSTALLATION KEY			...
Prod PC 5566778899001122	V 1.3	GET INSTALLATION KEY			...
Prod PC 3344556677889900	V 1.3	GET INSTALLATION KEY			...

(2)

GROUP A					
					GROUP EXPIRATION DATE: 2020-11-13
MODULE TYPE UNIQUE DEVICE ID	KEY VERSION ISSUED/LATEST		EXPIRATION DATE	LICENSE OPTIONS	OPTIONS
Main Unit 1234567890123456	V 1.1	GET INSTALLATION KEY	2020-11-13		...
Prod PC 2345678901234567	V 1.1	GET INSTALLATION KEY	2020-11-13		...

(1) Group name and expiration date

Displays the name of the group and the expiration date of licenses registered in the group. The group expiration date displays the nearest expiration date among the SUP licenses registered in the group when there are multiple SUP licenses. The group expiration date is displayed in a specific color if a license with a shorter expiration date exists within the group.

(2) Devices registered in the group

Displays the device type and device ID, installation key version (issued/latest) and the expiration date of each license. Click the [GET INSTALLATION KEY] button to generate the installation key for the latest version of software (page 18).

Click [...] under [Options] to display the following items.

- **[Get Installation Key (PDF)]**

Generates an installation key for the latest version of software (similar function to the [GET INSTALLATION KEY] button).

- **[Download Software]**

Use to download software for the devices.

SUP Operation Flow

This section describes the required SUP process flow starting from registering purchase codes up to generating installation keys.

Signing in to the Upgrade and License Management Suite (page 12)



Registering a purchase code (page 13)



Enabling SUP licenses for a device (page 14)



Generating an installation key (page 16)

The following procedures are also required to activate an initial SUP license bundled with a Vision Exchange device when it is purchased.

Signing in to the Upgrade and License Management Suite

- 1 Access the Upgrade and License Management Suite.
URL: <https://ulms.sony.net/>
- 2 Click [ENTER PURCHASE CODE] on the top page.
- 3 Select [Sign In] – [Sign In].



The sign in screen appears.

If you are accessing the Upgrade and License Management Suite for the first time, you must create an account.

- 4 Enter your user ID and password for the Upgrade and License Management Suite, then click [SIGN IN].

Registering a purchase code

The purchase code must be registered using the Upgrade and License Management Suite.

- 1 Enter the purchase code, then click [CONTINUE].

If a screen displaying the list of supported devices and software licenses appears instead, first click [CONTINUE] at the top of the page to display the purchase code entry screen.

- 2 Click [REGISTER].

The [Software Activation Process] screen appears. You can click [Don't show this again] to skip the [Software Activation Process] screen the next time you register a purchase code.

- 3 Click [OK].

The [My Purchases] screen appears, displaying the registered purchase code.

To enter the purchase code of multiple devices, click [Enter Purchase Code] and repeat the steps to register the purchase codes for each device.

SONY Upgrade and License Management Suite Devices My Purchases **Enter Purchase Code**

My Purchases

FUNCTION LICENSES | SOFTWARE UPGRADE PROGRAM

To activate Software Upgrade Program to the device, click "ACTIVATE" in the column of license you want to use. To generate installation key, click "GET INSTALLATION KEY" in the column of device you want to upgrade. [Learn more](#)

Main Unit

"Main Unit" is the generic name for PEQ-C100 and/or PEQ-C130.

Vision Exchange Main unit
Subscribing to SUP allows you to receive new functionalities, improvements and features, continuous support for user devices and other benefits. When purchasing Vision Exchange, a complementary free one-year SUP subscription is bundled with the unit.

License Duration: 1 Year

PURCHASE CODE	REGISTRATION DATE	AVAILABLE/QUANTITY	GROUP	OPTIONS
NEW UYC94HD6853CYSBUL	2018-11-13 18:51:18	1 / 1		ACTIVATE

Enabling SUP licenses for a device

Once the purchase code is registered, the device must be registered in a group.

- 1 Click [ACTIVATE] for the device you want to register in a group.
The [Select Group] screen appears.
- 2 Specify a group.
To create a group: Click [CREATE NEW GROUP] to display the [Create New Group] screen, enter a group name, and then click [OK]. Valid characters for a group name are the alphanumeric, space, hyphen, and underscore characters. The maximum length of a name is 16 characters.
To select a group: Select a group from the list box.
- 3 Click [CONTINUE].
The [Enable Software Upgrade Program] screen appears.
- 4 Enter the Unique Device ID of the device in the [Unique Device ID] field and select the number of SUP licenses you want to activate from the [Quantity] list box. Check that the duration shown in [Available Period] is updated for the SUP licenses.

When multiple SUP licenses are included with the same purchase code, you can apply the SUP licenses to additional devices of the same type. Click [ADD NEW LINE] to add a new line, enter the Unique Device ID of an additional device, and specify the number of SUP licenses to activate for the device.

Select Group > Enable Software Upgrade Program > Confirmation

Enable Software Upgrade Program (Main Unit)

Selected Software Upgrade Program is for Main Unit.
When add new Main Unit to the group GROUP_A, Input unique device ID of the Main Unit. When add multiple Main Unit to the group, click ADD NEW LINE.
Set the number of Software Upgrade Programs you want to enable to Main Unit.

Main Unit and the number of Software Upgrade Programs (Use/Available) :00/01

	Unique Device ID ⓘ	Quantity	Available Period ⓘ
1.	1234567890123456	▼	

ADD NEW LINE

CANCEL CONTINUE

Note

The Unique Device ID, once entered, cannot be modified. Make sure to enter the device ID without any error. If an incorrect device ID is entered, contact your Sony sales representative.

- 5 Click [CONTINUE].
- 6 Check the content displayed on the screen, then click [REGISTER].
The [My Purchases] screen reappears.
- 7 Check the registered content and expiration date.
The registered content and expiration date are displayed for each group.

Group expiration date

GROUPS				
GROUP_A			GROUP EXPIRATION DATE: 2020-11-13	
MODULE TYPE UNIQUE DEVICE ID	KEY VERSION ISSUED/LATEST		EXPIRATION DATE	LICENSE OPTIONS
Main Unit 1234567890123456	1.1 / 1.1	GET INSTALLATION KEY	2020-11-13	***
Pod PC 2345678901234561	1.1 / 1.1	GET INSTALLATION KEY	2020-11-13	***

Expiration dates of licenses in the group

Registered content

Each additional SUP license added to the initial SUP license for a device extends the expiration date by 1 year. However, when there are multiple devices in the same group with SUP licenses having different expiration dates, the expiration date for the group is the same as the expiration date for the license which expires first. The expiration date for the license which will expire first is displayed in orange in the group contents displayed on the [My Purchases] screen.

Repeat steps **1** to **6** as required to register other SUP licenses for devices in groups.

Generating an installation key

You must generate an installation key used to activate the software on the corresponding device.

- 1 Locate the device for which you want to generate an installation key in the list displayed on the [My Purchases] screen, then click [GET INSTALLATION KEY].

The [Get Installation Key] screen appears.

- 2 Select the version of the software to install in [Version].

The [Get Installation Key] screen also displays other devices within the same group. You can generate installation keys for the same version simultaneously for all devices in the group by placing a check mark in the checkbox beside the name of each device.

- 3 Click [REGISTER].

The installation key is generated, and a button for downloading the installation key appears on the [Get Installation Key] screen.

- 4 Click [INSTALLATION KEY (PDF)], and follow the instructions in the web browser to download the file.

A PDF-format file is created containing a separate page for each device. Each page contains the installation key that applies the SUP license for the corresponding device.

SONY

Installation Key

Dear Valued Customer,

Thank you for your recent Sony software license purchase. Information about your installation key is provided below for your records. Please review the following instructions and caution statement.

Thank you,
Sony

ISSUE DATE	2018-11-13 19:41:35
MODEL NAME	PEQ-C100_C130 v1.1
DESCRIPTION	Vision Exchange Main Unit Software
LICENSE VERSION	-
AREA CODE	100
PURCHASE CODE	-
UNIQUE DEVICE ID	1234567890123456
ISSUE DATE	2018-11-13 19:41:35
SOFTWARE VERSION	1.1.X (the version numbers which start with 1.1)
INSTALLATION KEY	466505ec660de50

Upgrade and License Management Suite: <https://ulms.sony.net/portal/>
Contact: Contact your local Sony sales staff or Sony customer support center for more information.
Issued by: Sony Imaging Products & Solutions Inc.

- 5 Click [CLOSE].

The [My Purchases] screen reappears.

- 6 Repeat steps **1** to **5** as required to generate installation keys for other devices.

Checking Registered Licenses and Expiration Period

- 1 Access the Upgrade and License Management Suite.

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

- 2 Click [ENTER PURCHASE CODE] on the top page.

- 3 Select [Sign In] – [Sign In].



The sign in screen appears.

- 4 Enter your user ID and password for the Upgrade and License Management Suite, then click [SIGN IN].

A list of the supported devices and licenses appears.

- 5 Click [My Purchases] at the top of the page.

- 6 Click [SOFTWARE UPGRADE PROGRAM].

- 7 Check the registered content and expiration date.

The registered content and expiration date are displayed for each group.

GROUPS

GROUP_A

GROUP EXPIRATION DATE: 2020-11-13

MODULE TYPE UNIQUE DEVICE ID	KEY VERSION ISSUED/LATEST		EXPIRATION DATE	LICENSE OPTIONS	OPTIONS
Main Unit 1234567890123456	1.1 / 1.1	GET INSTALLATION KEY	2020-11-13		...
Pod PC 2345678901234561	1.1 / 1.1	GET INSTALLATION KEY	2020-11-13		...

[UPDATE](#)

Generating an Installation Key for New Software

Your Sony sales representative will notify you when a new version of software is released. Generate an installation key for the software using the following procedure.

- 1 Access the Upgrade and License Management Suite.
URL: <https://ulms.sony.net/>

- 2 Click [ENTER PURCHASE CODE] on the top page.

- 3 Select [Sign In] – [Sign In].



The sign in screen appears.

- 4 Enter your user ID and password for the Upgrade and License Management Suite, then click [SIGN IN].

A list of the supported devices and licenses appears.

- 5 Click [My Purchases] at the top of the page.
- 6 Click [SOFTWARE UPGRADE PROGRAM].
- 7 Click [GET INSTALLATION KEY] in the [GROUPS] pane.

GROUPS					
GROUP_A			GROUP EXPIRATION DATE: 2020-11-13		
MODULE TYPE UNIQUE DEVICE ID	KEY VERSION ISSUED/LATEST		EXPIRATION DATE	LICENSE OPTIONS	OPTIONS
Main Unit 1234567890123456	1.1 / 1.1	GET INSTALLATION KEY	2020-11-13		***
Pod PC 2345678901234561	1.1 / 1.1	GET INSTALLATION KEY	2020-11-13		***

UPDATE ↻

- 8 Follow the procedure from step 2 in “Generating an installation key” (page 16) to generate an installation key.

Troubleshooting

If you experience any difficulties, contact your Sony sales representative from whom you purchased the device.