



UNIVERSAL ROBOTS

Software Guide

Robot Image

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1. Purpose

Description

This guide explains how to install a new robot image on storage devices for CB2, CB3, CB5 with e-Series and UR Series robots, and CB7 with g-Series robots.

2. About This Document

Purpose

The purpose of this service manual is to help Universal Robots (UR) users and integrators to safely perform service-related operations and troubleshooting.

Universal Robots industrial robots are designed using high-quality components to ensure long product life cycle. However, improper use of a robot or robot parts will cause failures. If, for example, the robot is overloaded, dropped during relocation, damaged by collision or any other improper use, the warranty will be void.

Universal Robots recommends the user *not* to repair, adjust, or make other interventions in the mechanical or electrical systems of the robot without first consulting a UR-certified service engineer. Any unauthorized repair and/or troubleshooting work(s) voids the warranty. Service-related operations and troubleshooting should only be performed by qualified personnel.

Before performing service-related operations, stop the robot program and disconnect the main power to any potential dangerous tool on the robot or its surroundings.

In the event of a defect, Universal Robots recommends ordering new parts from the Universal Robot distributor where the robot was originally purchased. Alternately, parts can be ordered from the nearest distributor, details of which can be obtained from Universal Robots official website at www.universal-robots.com.

3. Company Details

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NOTICE

Universal Robots continues to improve reliability and performance of its products, and therefore reserves the right to upgrade the product without prior warning.

Universal Robots takes care that the content of this document is precise and correct, but takes no responsibility for any errors or missing information.



NOTICE

Universal Robots disclaims any liability, even if all guidelines in this document are followed.

5. General Information

Description

This guide is for users and system integrators who manage robot images on Universal Robots Control Boxes. Start with the Control Box topic that matches your hardware, then follow the linked procedures.

- For CB2 and CB3, see [6 CB2/CB3 on page 10](#).
- For CB5 with PolyScope 5, see [7 CB5 with PolyScope 5 on page 11](#).
- For CB5.6 with PolyScope X, see [8 CB5 with PolyScope X on page 12](#).
- For CB7 with PolyScope X, see [9 CB7 on page 13](#).

When to use

Use this guide when you must write a full robot image, replace removable storage, recover a Control Box, or manage the robot disk with Robot Tools.

- CB2 and CB3 store PolyScope 5 on a CF card or USB drive.
- CB5.0-CB5.6 store PolyScope 5 on an SD card.
- CB5.6 can run PolyScope X from an SD card or from internal eMMC storage. PolyScope X is supported only on CB5.6.
- CB7 runs PolyScope X. Use Robot Tools to install, clone, restore, or erase the robot disk.



NOTICE

Never attempt to replace the flashcard without prior guidance from UR Technical Support.

When not to use

Do not write a full robot image for a regular software update. A URUP file or the PolyScope update screen updates the installed software without replacing the storage media.

For a regular software update, open the Control Box topic that matches your hardware, then follow the linked PolyScope 5 or PolyScope X update procedure in this guide.



NOTICE

Robot Tools applies only to CB7 with PolyScope X. Do not use Robot Tools on CB2, CB3, or CB5.6.

Universal Robots recommends that you do not attempt to repair, adjust, or otherwise intervene in the mechanical or electrical systems of the robot without first consulting a UR-certified service engineer. Any unauthorized intervention voids the warranty. Only qualified personnel should perform service-related operations and troubleshooting.

Before performing service-related operations, stop the robot program and disconnect the main power to any potentially dangerous tool on the robot or in the surroundings.

In the event of a defect, Universal Robots recommends ordering new parts from the Universal Robots distributor where the robot was originally purchased. Alternatively, order parts from the nearest distributor. Distributor details are available on the official Universal Robots website at www.universal-robots.com.



6. CB2/CB3

Description

CB2 and CB3 Control Boxes run PolyScope 5 from removable storage. CB2.0 and CB3.0 use a CF card. CB2.1 and CB3.1 use a USB drive.

You can update the installed software with a URUP file or write a full robot image to the removable storage. A full robot image erases the storage device.

- Use a URUP file for a normal PolyScope 5 software update.
- Write a full robot image when you replace damaged storage, recover a Control Box, or need a clean installation.



NOTICE

PolyScope X and Robot Tools are not supported on CB2 or CB3. Select the `.img` robot image that matches the Control Box and storage type. Do not use a `.dmg` file.

Procedures

- For a normal software update, see [14 PolyScope 5 Software Update on page 28](#). For USB drive requirements, see [13 USB Update Procedure on page 27](#).
- To select the correct CB2 or CB3 image and write it to the removable storage, see [10 Files to Download on page 14](#) and [11 Installing Robot Image on page 17](#).
- When you replace the removable storage in a CB3 Control Box, see [12 Flashcard Replacement on page 26](#).

7. CB5 with PolyScope 5

Description

CB5.0-CB5.6 Control Boxes can run PolyScope 5 from an SD card. You can update the installed software with a URUP file or write a full robot image to the SD card.

- Use a URUP file for a normal PolyScope 5 software update.
- Write a full robot image when you replace a damaged SD card, recover a Control Box, switch operating systems, or need a clean installation.



WARNING

Writing a full robot image erases the SD card. Back up the robot data before you continue.



NOTICE

For PolyScope 5.26 on CB5.6, select an SD card image marked **CB5.6**. Select the supplied .img robot image, not a .dmg file.

Procedures

- For a normal software update, see [14 PolyScope 5 Software Update on page 28](#). For USB drive requirements, see [13 USB Update Procedure on page 27](#).
- To download the correct CB5 image and write it to an SD card, see [10 Files to Download on page 14](#) and [11 Installing Robot Image on page 17](#).
- For backup and recovery steps before a full image installation, see [11.1 Back Up Before Proceeding on page 17](#) and [11.2 Recovery of Data on page 18](#).

8. CB5 with PolyScope X

Description

PolyScope X is supported only on a CB5.6 Control Box. Check the model name on the Control Box serial number label before you continue.

You can update the installed PolyScope X software or write a full robot image to the storage device.

- Use the PolyScope X update screen for a normal software update from a USB drive.
- If PolyScope X runs from an SD card, write a full image to the SD card for recovery or a clean installation.
- If PolyScope X runs from the internal eMMC storage, use the CB5.6 USB installer to write a full image to the eMMC storage.



WARNING

Do not start the Control Box with bootable PolyScope X installations on both the SD card and the eMMC storage. Before you install PolyScope X on the eMMC storage, back up the robot data and remove the SD card.



NOTICE

Use the CB5.6 image supplied for your storage method. SD card images use the `.img` format. The eMMC USB installer uses the `.usb.wic.gz` format. Do not use a `.dmg` file.

Procedures

- For a normal software update, see [15 PolyScope X Software Update on page 32](#).
- To download a full image and prepare the storage device, see [10 Files to Download on page 14](#), [10.1 Create a Bootable Storage Device on page 14](#), and [11.3 Image Installation and Re-imaging into USB Drive on page 19](#).
- For backup and recovery steps before a full image installation, see [11.1 Back Up Before Proceeding on page 17](#) and [11.2 Recovery of Data on page 18](#).



NOTICE

The Robot Tools procedures in this guide apply to CB7 with PolyScope X. Do not use those procedures for CB5.6.

9. CB7

Description

A CB7 Control Box runs PolyScope X. You can update the installed software or use Robot Tools to manage the robot image and robot disk.

- Use the PolyScope X update screen for a normal software update from a USB drive.
- Use Robot Tools to install a full robot image, clone the robot disk, restore a clone, or erase the robot disk.
- Use a USB drive of 32 GB or larger for Robot Tools.



WARNING

Installing an image, restoring a clone, or erasing the robot disk overwrites robot data. Back up any data that you want to keep before you continue.

Procedures

- For a normal software update, see [15 PolyScope X Software Update on page 32](#).
- To start Robot Tools and select an image-management action, see [16 PolyScope X Robot Tools on page 33](#).
- For the individual Robot Tools workflows, see [16.1 Install Robot Image on page 35](#), [16.2 Clone Robot Image on page 38](#), [16.3 Restore Robot Image on page 39](#), or [16.4 Erase Robot Image on page 40](#).

10. Files to Download

Description

This section provides three links to download and install the following:

1. A free and open-source tool to create bootable USB drives.
2. Universal Robots robot image based on the robot arm size.
3. Software for managing a Linux file system. For details, see [Recovery of Data](#).

10.1. Create a Bootable Storage Device

Description

Create a bootable storage device so you can boot a Control Box with a new robot image in either PolyScope version. Use this for recovery if the robot's internal storage is damaged.

Download and install balenaEtcher

This procedure uses the open-source flashing tool balenaEtcher to create a storage device with PolyScope installed. You can also use other programs, such as Rufus. Follow the instructions on the balenaEtcher website to install the program. Go to <https://etcher.balena.io/>.



NOTICE

balenaEtcher is third-party software and is not associated with Universal Robots A/S. Universal Robots takes no responsibility for this software.

When you successfully install balenaEtcher, its icon appears on your desktop with your other programs.

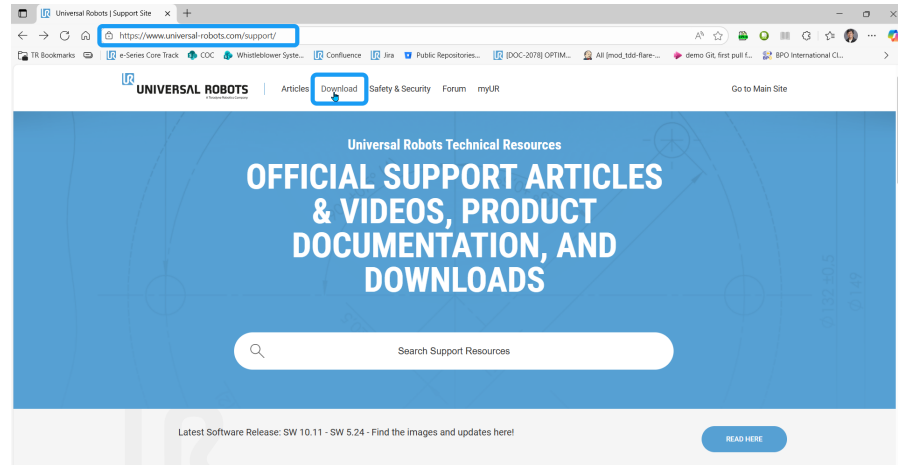


10.2. Robot Image

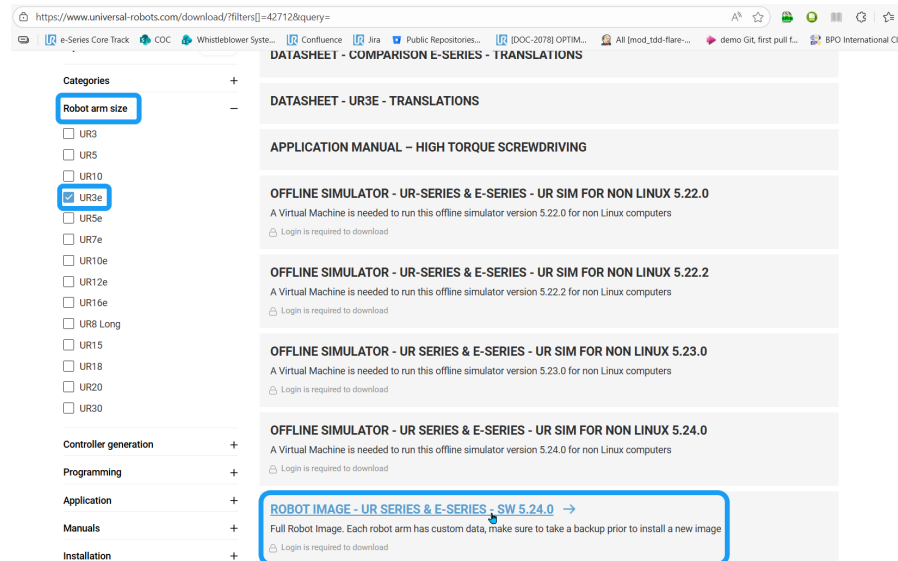
Download and install robot image

To download a robot image:

1. Go to <https://www.universal-robots.com/support/>.
2. In the header, click the download section.



3. Click **Robot arm size** and select the checkbox for your robot type. Click **Load More Results** and scroll down to locate the **Robot Image** section.



4. Enter your login credentials to download.



NOTICE

Before you download, back up existing data. Each robot arm has custom data.

**NOTICE**

CF card	If you have a CF card, choose 2.0 for CB2 and CB3.0 for CB3.
USB	If you have a USB drive, choose 2.1 for CB2.1 and CB3.1 for CB3.
SD card	e-Series and UR Series

11. Installing Robot Image

Description This section describes USB storage device formatting.

11.1. Back Up Before Proceeding

Description When installing a new robot image, all data on your storage device is deleted. If necessary, back up all data before proceeding. If the storage device has already been used, format it first. For the USB update procedure, see [13 USB Update Procedure on page 27](#).

CB2/CB3 data to back up

- programs** - folder
- .urcontrol** - folder/enable hidden folders
- flightreports folder** - ignore if not present (CB3 only)
- .urpass.file** - ignore if not present
- .ursafetypass.file** - ignore if not present (CB3 only)
- histogram.properties**
- log_history.txt**
- ur-serial**

e-Series and UR Series data to back up



NOTICE

The e-Series SD card is divided into four partitions.

programs - folder

flightreports folder - ignore if not present

.urpass.file - ignore if not present

.ursafetypass.file - ignore if not present

histogram.properties

log_history.txt

ur-serial



NOTICE

Previous versions of this manual recommended backing up **.urcontrol**. Do not back it up. The data is preserved in the joints, and restoring it prevents PolyScope from starting.

11.2. Recovery of Data

Description

This section helps you recover robot image data when a Windows computer cannot read the USB flash drive.

Linux file system



NOTICE

This is an optional process. Use this procedure if the computer reports that the USB drive is not readable.

If you insert an SD card or USB flash drive into a Windows PC, Windows reports that the drive is not readable and offers to format it. Do not format the drive. Formatting it destroys all robot data on the flash drive.

Windows cannot read the robot SD card because it is partitioned as ext3 and ext4. Install additional software to access these partitions.



NOTICE

Choose any software that can manage a Linux file system if you use the Linux command line to reboot.

Install software that lets you access a Linux file system on Windows.

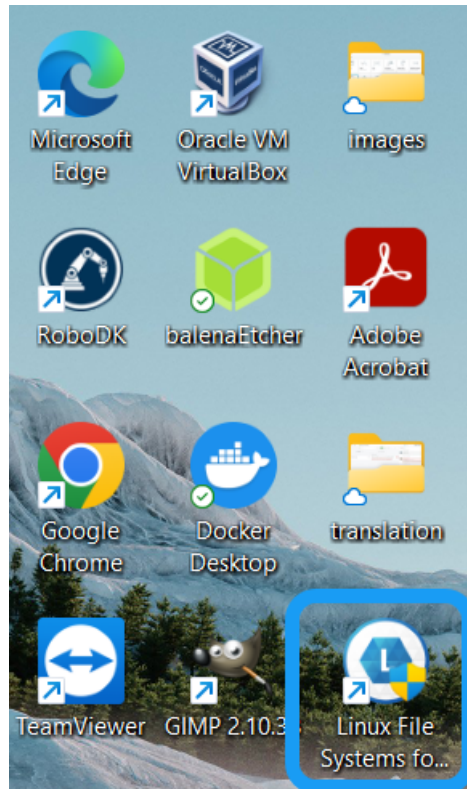


NOTICE

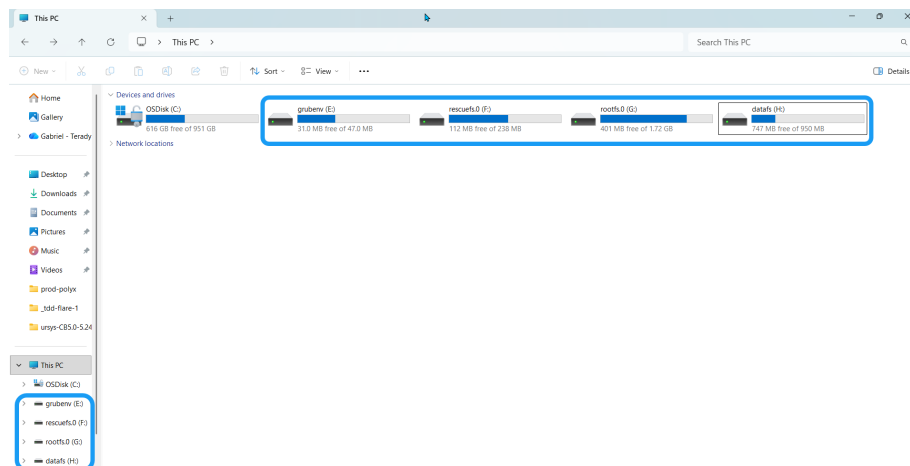
Linux File Systems for Windows by Paragon is third-party software and is not associated with Universal Robots A/S. Universal Robots takes no responsibility for this software.

When you successfully install Linux File Systems for Windows by Paragon, its icon appears on your desktop with your other programs.

1. On your desktop, double-click **Linux File Systems for Windows by Paragon** to open it.



2. Insert the USB flash drive into your computer. Open the **This PC** folder. The USB flash drive appears as four partitions.



3. For image installation, see [11.3 Image Installation and Re-imaging into USB Drive](#) below.

11.3. Image Installation and Re-imaging into USB Drive

Description A bootable USB drive lets you boot a Control Box with a new robot image in either PolyScope 5 or PolyScope X if the robot's internal storage is damaged.

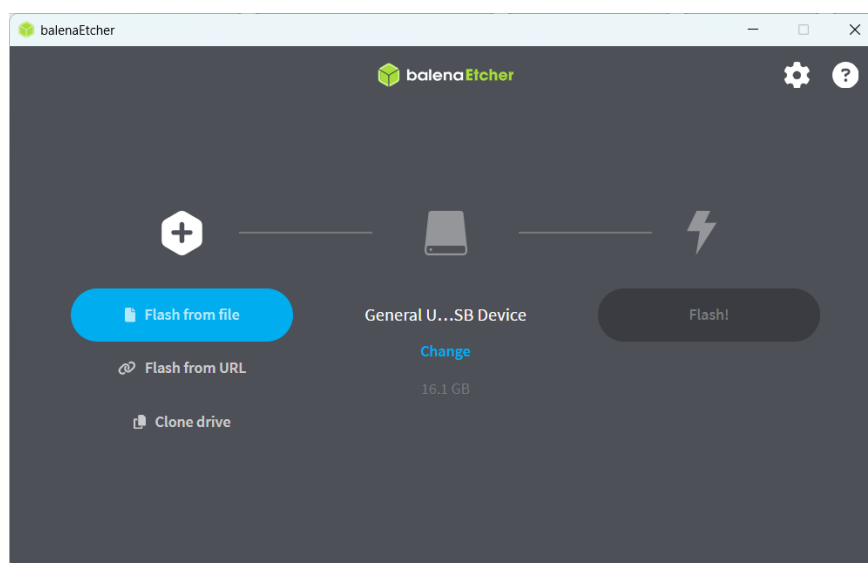
**Installing image
using
balenaEtcher**



NOTICE

If your USB flash drive was previously formatted as a Windows partition, it is fully erased and the partition type is changed to ext3 and ext4, making it unreadable in Windows. If Linux file system support is not installed, you cannot access the USB flash drive.

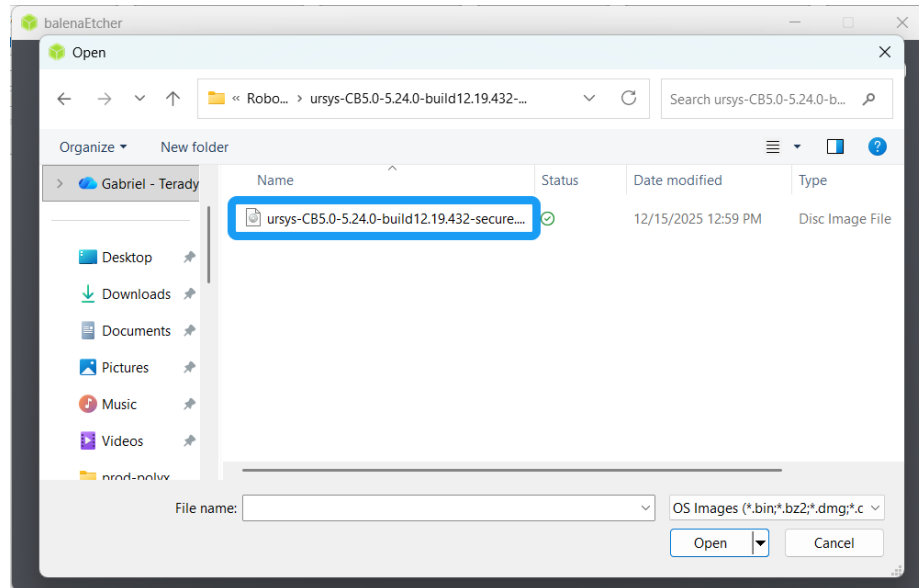
1. On your desktop, double-click balenaEtcher to open it.



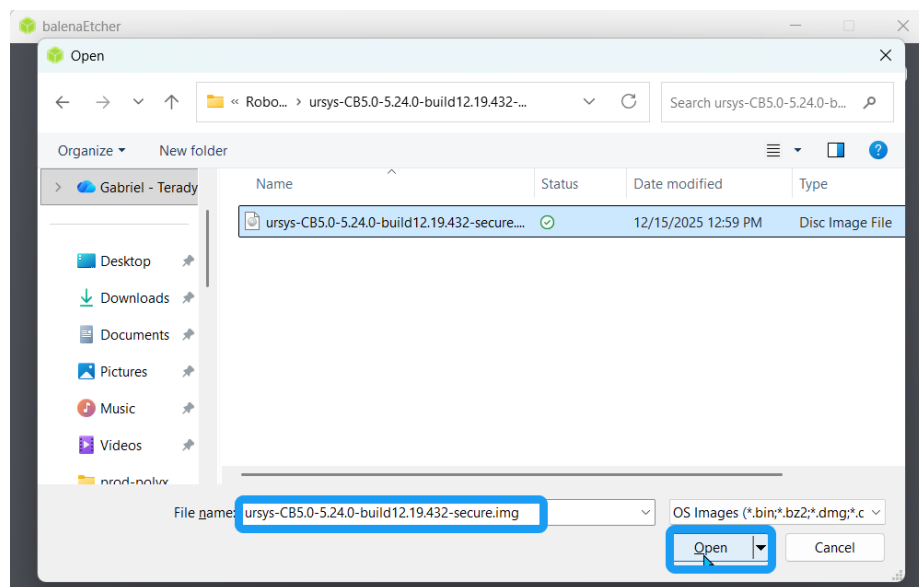
2. Insert a USB flash drive into your computer if it is not already inserted.

**Robot
Image into
USB**

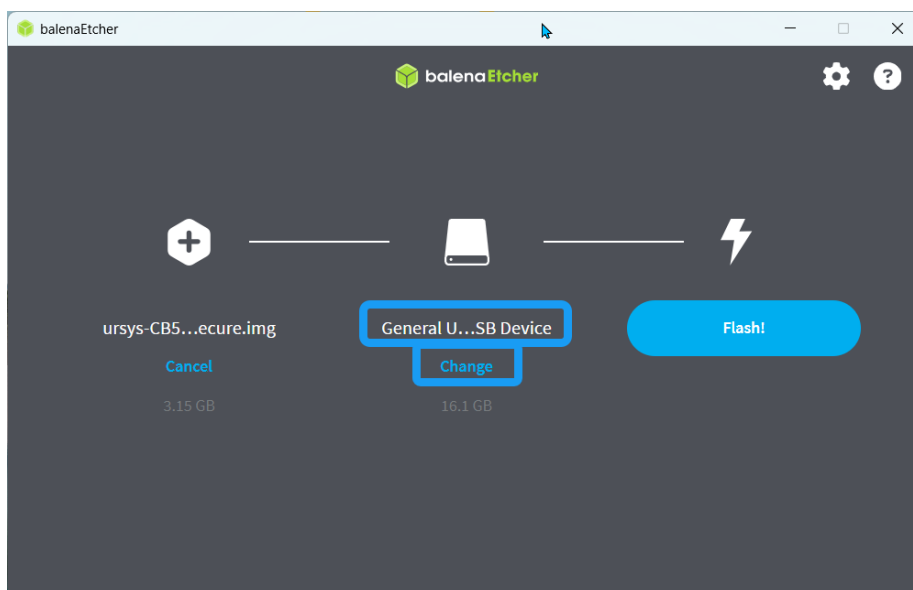
3. Click the blue **Flash from file** button. A pop-up dialog box appears where you can locate the folder that contains the downloaded robot image file.



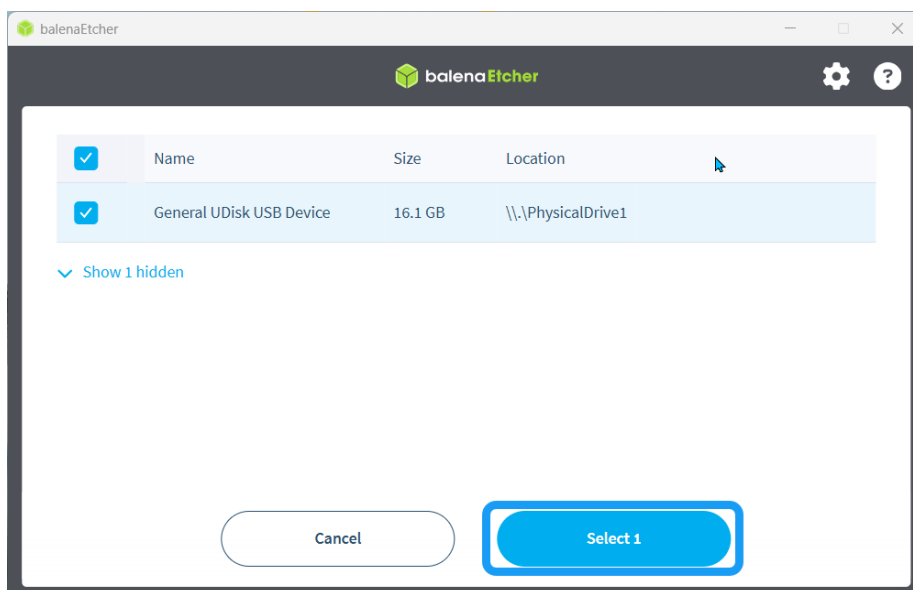
4. Choose the relevant robot image (.dmg) file. Click **Open**.



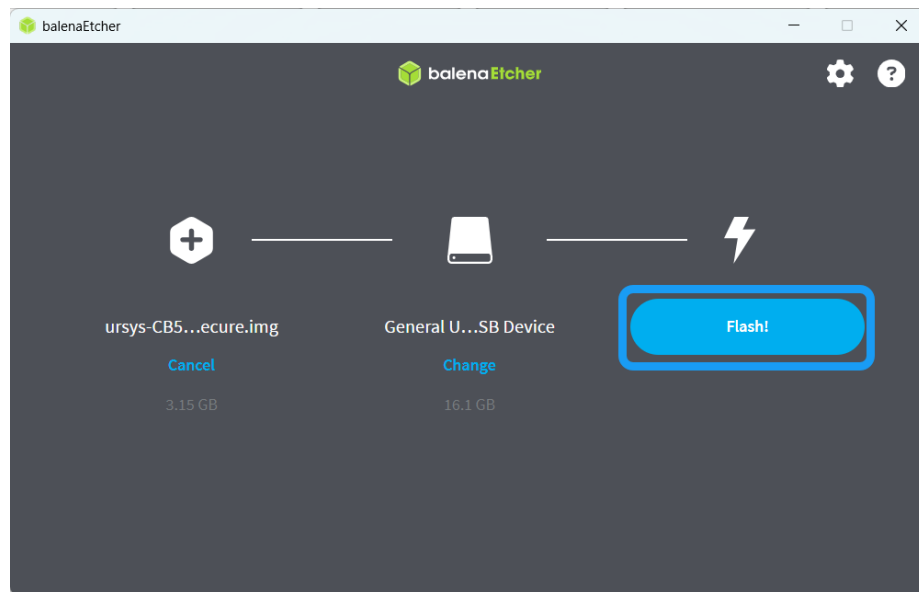
5. The partitioned USB flash drive is automatically selected as target.



6. To confirm that the partitioned USB flash drive is selected, click **Change** under it. A pop-up dialog box appears that shows your inserted USB flash drive checked and selected. Click **Select**.



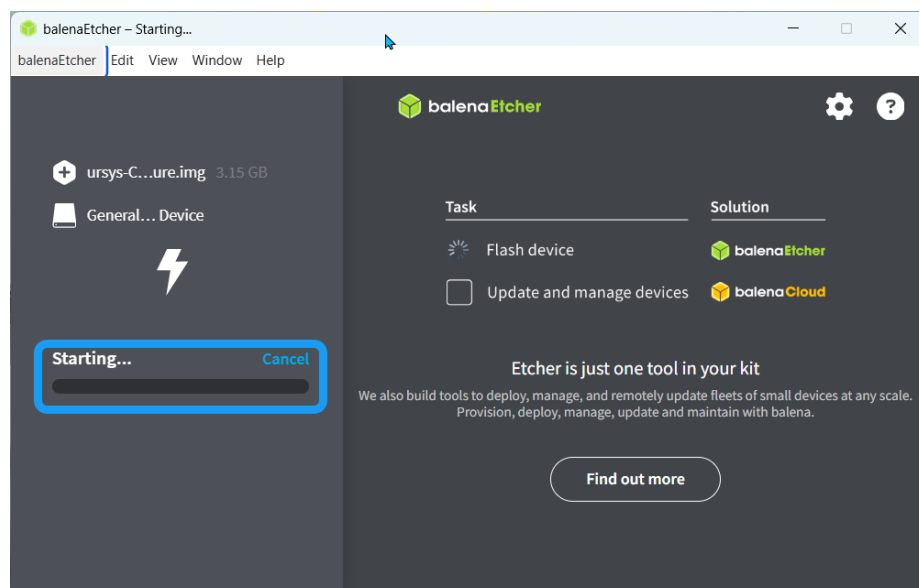
- Click the activated blue **Flash!** button.



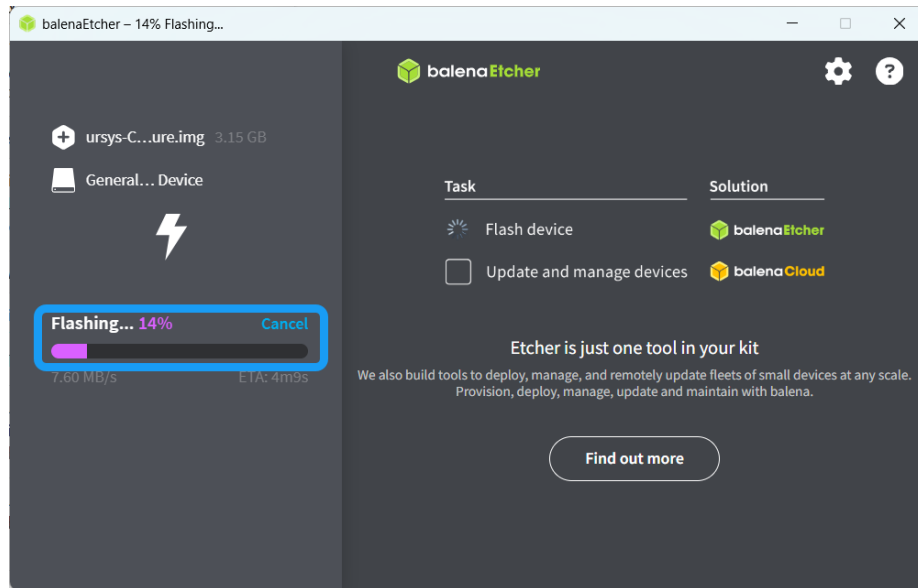
WARNING

Do not remove the USB drive while flashing, and avoid moving the computer so the USB drive stays seated in its port.

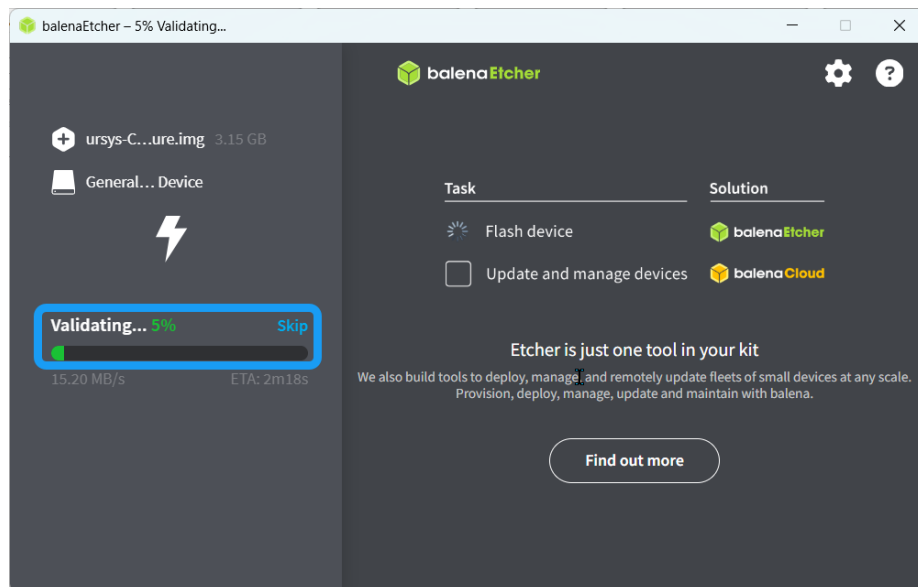
- A pop-up screen shows that the flashing process is starting.



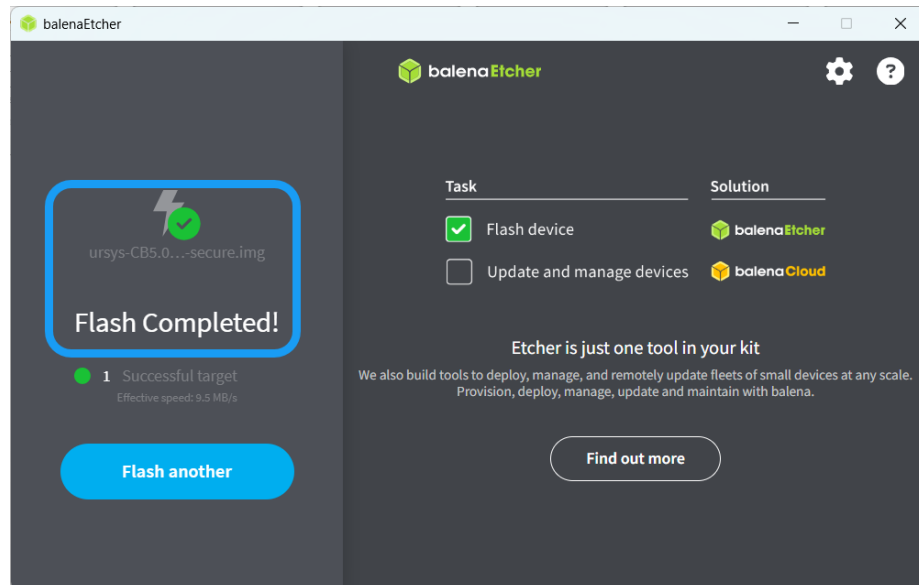
9. The flashing process screen appears. Wait until flashing reaches 100 percent.



10. When flashing is complete, a screen shows the percentage of the validation process. Wait until validation completes.



11. When validation is complete, a screen confirms that USB flashing is complete. A Windows Explorer notification appears stating that balenaEtcher has successfully flashed a file to the USB drive.



12. Close the program and remove the USB flash drive.

11.4. Restoration of Recovered Image Files

Description To restore recovered robot image files, you need Linux file system support, as in data recovery.

Re-imaging using Linux command



NOTICE

This is an optional process. Use this procedure if you successfully recovered and re-imaged the robot file.

To re-image a recovered file, use a Linux command such as:

```
sudo dd if="/path/to/ursys-CB5.0-5.24.0-build12.19.432-secure.img" of=/dev/sdb bs=4M status=progress
```

Where:

- **if=** → Input file (your disk image).
- **of=** → Output device (your USB drive, e.g., /dev/sdb).
- **bs=4M** → Block size for faster copying.
- **status=progress** → Shows progress during the operation.

12. Flashcard Replacement

Description This section provides instructions for replacing a flashcard, USB drive, or SD card in CB3 and e-Series robots.

Details



NOTICE

Flashcard replacement is valid for the following:

- CB3 software version: 3.1.17336
- e-Series software version: PolyScope 5, all versions.



WARNING

Older or newer software versions may behave differently.

The flashcard, USB drive, or SD card in the robot Control Box (CB) acts as the robot's hard drive. Never remove it while power is on, as this may corrupt the operating system. The flashcard, USB drive, or SD card uses a Linux file system and cannot be read directly on a Windows PC or Mac. In that case, you can use third-party tools that enable read/write access on Linux-partitioned drives (for example, Ext2Fsd or WSL2 on Windows and macFUSE on macOS). This guide uses balenaEtcher as the third-party tool.

Data backup Back up all data from the old flashcard, USB drive, or SD card before you replace it. All files, including joint calibration data, may be permanently lost. If you must replace the flashcard or USB drive in a CB3 robot (or the SD card on e-Series), note the following prerequisites:

- UR control box CB3, CB3.1 or e-Series
- New and old flashcard, USB, or SD card
- PC with Ethernet plug and FTP client (e.g. FileZilla) installed
- Ethernet cable



WARNING

Never replace a flashcard without prior instructions from UR Technical Support.

13. USB Update Procedure

Prerequisites

This procedure requires a USB storage device that is detectable by Windows and is FAT32 formatted.

If the storage device is not FAT32 formatted, perform the following procedures:



NOTICE

- You might need admin privileges to perform the procedure.
- Back up any important data on the USB storage device before formatting. The process will erase all existing information.

1. Connect the USB to your computer.
2. Open **File Explorer**.
3. Right-click on the USB drive and select **Format**.
4. In the format window, select **Restore device defaults**.
5. In the **Volume label**, specify the robot's product line as shown in the following table.

e-Series and UR Series	Generation 3
Standard	G3
UR20	CB3

6. Select **Start** to begin formatting.
7. Confirm any warning messages.

14. PolyScope 5 Software Update

Description

Install updates from a USB drive to ensure that the robot software is up to date.

For the latest software update, see: [Download Latest Software](#)

Update software

1. In the header, tap the hamburger menu and select **Settings**.
2. Under **System**, tap **Update**.
3. Insert a USB drive into the Control Box, and tap **Search** to list the valid update files.
4. In the list of valid update files, select the desired version and tap **Update** to install it.

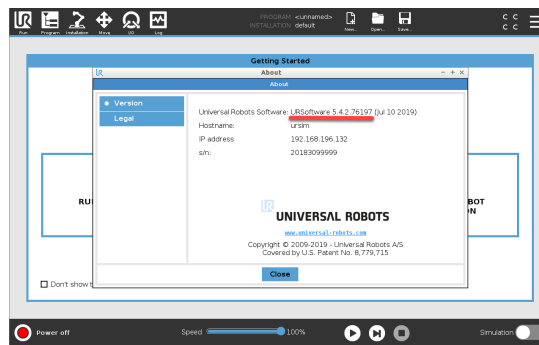


WARNING

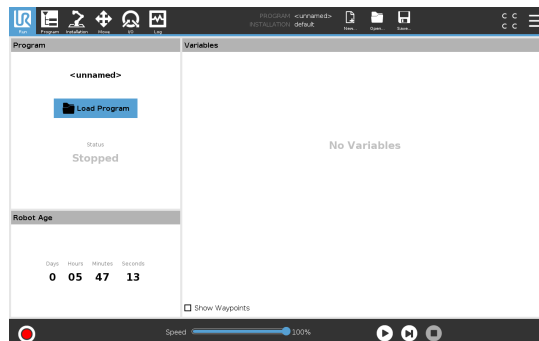
Always check your programs after a software upgrade. The upgrade might change the trajectories in your programs.

Update software

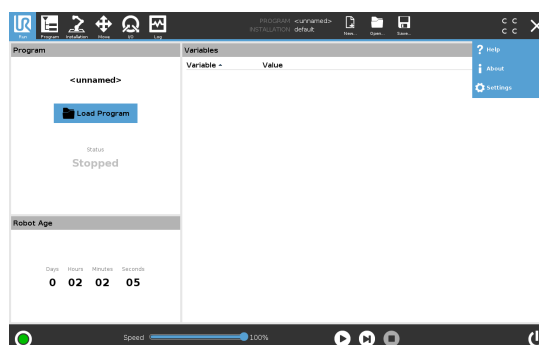
1. On your robot, go to **About** and check your current software version.



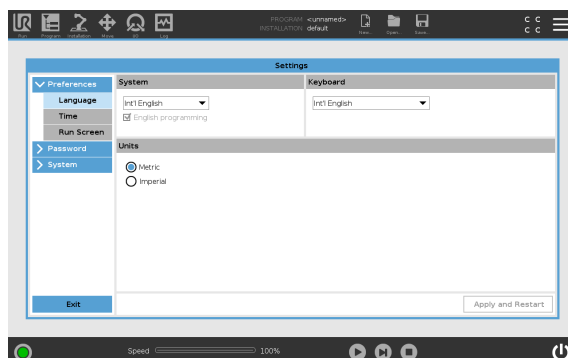
2. Download to your computer the software versions needed to be installed, you can download from Universal Robot's website (www.universal-robots.com/support).
 - If your SW is below 5.5 (E.g.: 5.3), you will need to incrementally update until you reach 5.5 (E.g.: 5.3 to 5.4, then 5.4 to 5.5), after updating to software 5.5 you can download the most up to date software and go straight from 5.5 to this last update (E.g.: 5.5 to 5.8).
 - If your SW is equal or above 5.5, just download the most updated software version file and install it straight from your current software version (E.g: 5.5 to 5.8).
3. Download the software version(s) needed to update your software and save file(s) in the root of a USB stick on your computer.
4. Insert the USB stick into the Control Box.
5. On teach pendant screen, press the right top corner icon to access the settings menu.



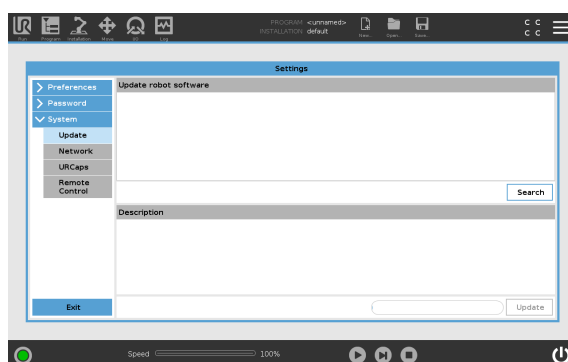
6. Press **Settings** to access the settings menu.



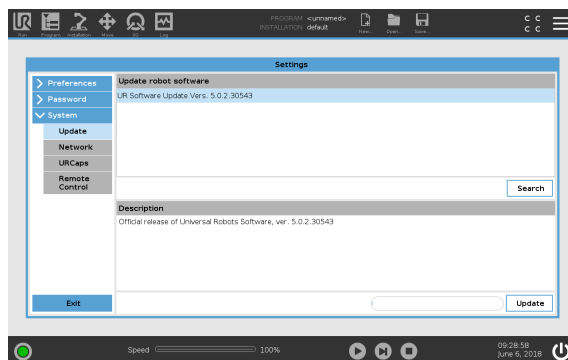
7. On the left side menu, select **System**.



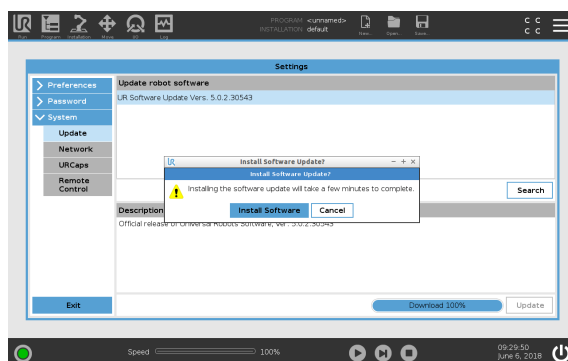
8. Press **Update**, then **Search** to locate software update on USB stick.



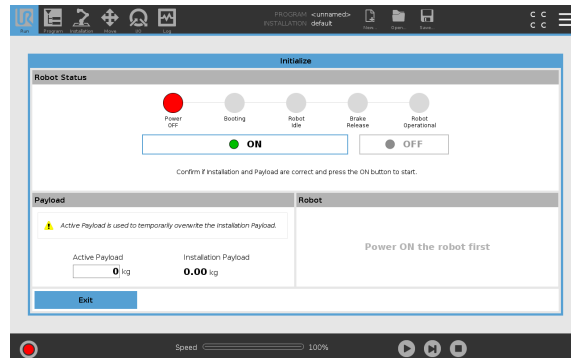
9. Select the desired software update and press **Update**.



10. Press **Install Software** to update the software.



11. The robot will power off and power on again. Once the update is complete, the Control Box automatically reboots. **Do not power off or unplug the robot from the outlet during startup.**
12. Wait until the reboot is complete. Firmware for the control Box and Tech Pendant is updated.
13. When complete, go to the Initialize screen and press **ON**, if available joint firmware is going to update.



14. Remove the USB stick.
15. Repeat steps 4 to 14, if your installed software is earlier than 5.5.



NOTICE

From software version 5.5 beyond, the most updated version available in UR's website can be installed direct, no need to incrementally install updates.

More info is displayed on release notes on support site. Read it for new features releases and improvements.

15. PolyScope X Software Update

Description

When you receive your robot, update the software to the most recent version released by Universal Robots.

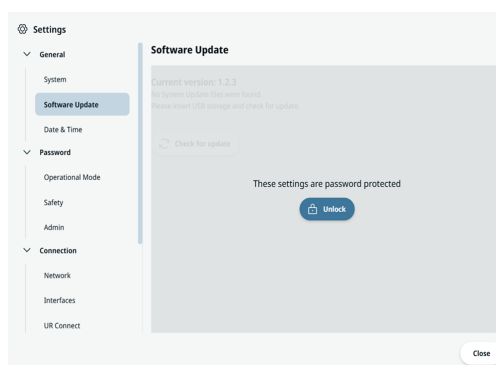
For the latest software update, see: [Download Latest Software](#)

Update software

Update software

Update the software as follows:

1. Tap the hamburger menu in the main navigation.
2. Go to **Update** in the **general settings**.
3. Insert the USB drive with the software update into the Control Box.
4. Tap the **Check for update** button.



Robot Tools You can use Robot Tools for additional robot image actions related to software updates:

- [Install Robot](#)
- [Clone Robot](#)
- [Restore Robot](#)
- [Erase Robot](#)

Installing a robot image with Robot Tools overwrites the robot disk and replaces the software on the Control Box.



WARNING

Before you use Robot Tools to install, restore, or erase, back up any data that you want to keep.

For Robot Tools procedures, see [Robot Tools](#).

16. PolyScope X Robot Tools

Description

Robot Tools is a pre-boot tool for managing robot images and the data on the robot.

Robot Tools can only use a USB drive to manage robot images. Other types of storage media are not supported.

You can use Robot Tools to install a robot image, create or restore a clone of the robot disk, or erase the robot disk.



WARNING

Install, restore, and erase operations overwrite data on the robot disk. Back up any data that you want to keep before you continue.



NOTICE

- Robot images are only supported on USB drives of 32 GB and larger.
- You cannot create your own USB drive with Robot Tools. You must obtain it from Universal Robots Service, a Universal Robots integrator, or your Universal Robots contact person.
- Do not keep URUP files on the USB drive with Robot Tools. Keep your robot images on the USB drive with Robot Tools, and keep URUP files on a USB drive that you created yourself.
- Robot Tools is only supported on Control Boxes with an internal disk.

Install without a Teach Pendant

Robot Tools can install PolyScope X without a Teach Pendant (TP7). If no Teach Pendant is attached to the Control Box and the storage on the Control Box is blank, you can use Robot Tools to install PolyScope X.

Make sure that the storage is blank.

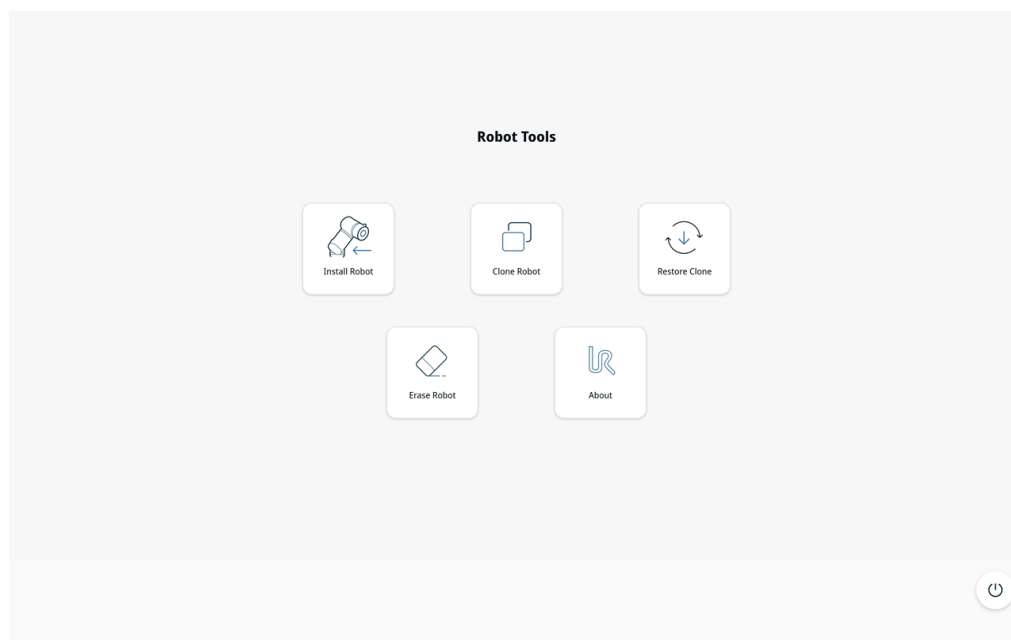
1. Insert the USB drive with Robot Tools into the Control Box.
2. Start the Control box.
3. Wait until the Control Box shuts down.

PolyScope X is now installed.

**Start the
robot with
Robot Tools**

To start Robot Tools:

1. Turn off the robot.
2. Insert the USB drive into the Control Box.
3. Turn on the robot.
4. Wait until the **Robot Tools** main screen appears.



Robot Tools Main Screen

Main screen

- **Install Robot:** Install a compatible robot image from the USB drive. Installing an image overwrites the robot disk.
- **Clone Robot:** Save a clone of the robot disk to the USB drive.
- **Restore Robot:** Restore a clone from the USB drive to the robot disk. Restoring a clone overwrites the robot disk.
- **Erase Robot:** Erase all data from the robot disk.
- **About:** View the Robot Tools version and the Open Source Software Licenses.


NOTICE

Do not remove the USB drive or turn off the robot while an operation is in progress.

16.1. Install Robot Image

Description

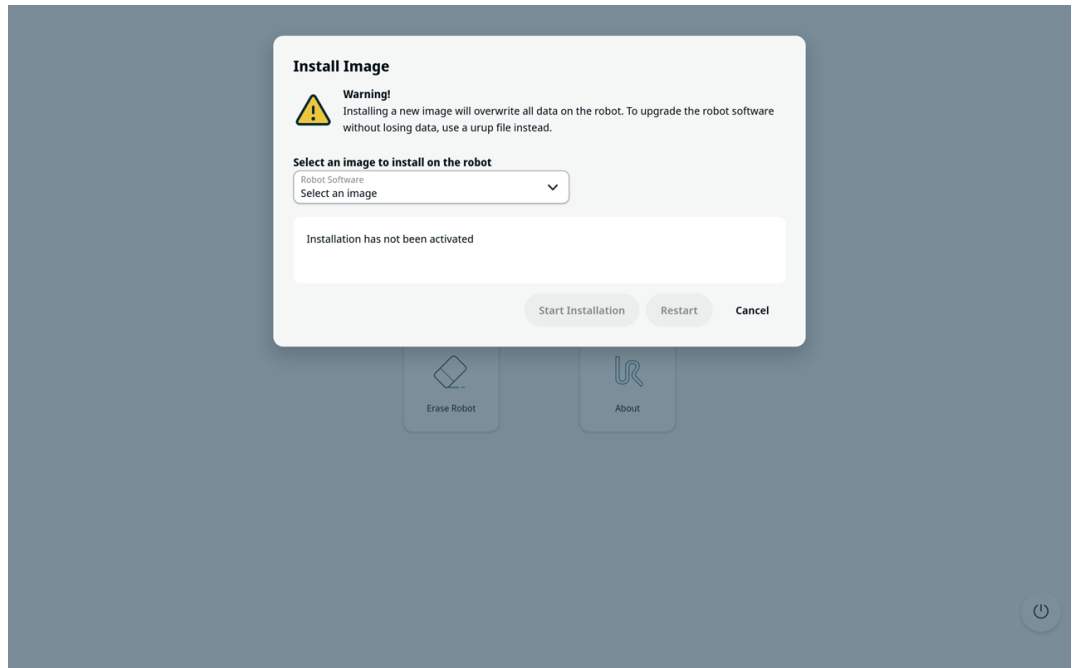
Use **Install Robot** to install a compatible robot image from the data partition of the USB drive. Insert the USB drive into the Control Box, then start Robot Tools.

When you copy a robot image from your PC to the USB drive, you do not need to modify the image file.



WARNING

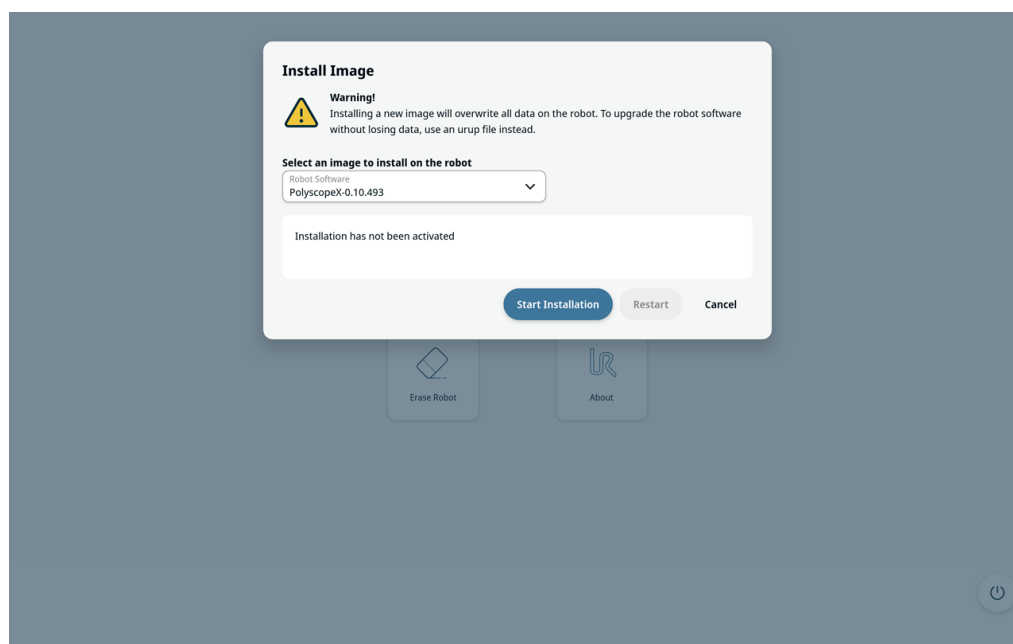
Installing a new image overwrites all data on the robot.



Install Image Screen

Install Image

1. On the main screen, select **Install Robot**.
2. Under **Select an image to install on the robot**, open the drop-down menu and select the image that you want to install.
3. Select **Start Installation**.
4. If prompted, confirm that you want to overwrite the robot disk.
5. Wait until the installation is complete. You cannot cancel the installation after it starts.
6. When the installation is complete, remove the USB drive.
7. Select **Restart**.



Successful Installation Screen

Before the installation starts, select **Cancel** to return to the main screen without changing the robot disk.

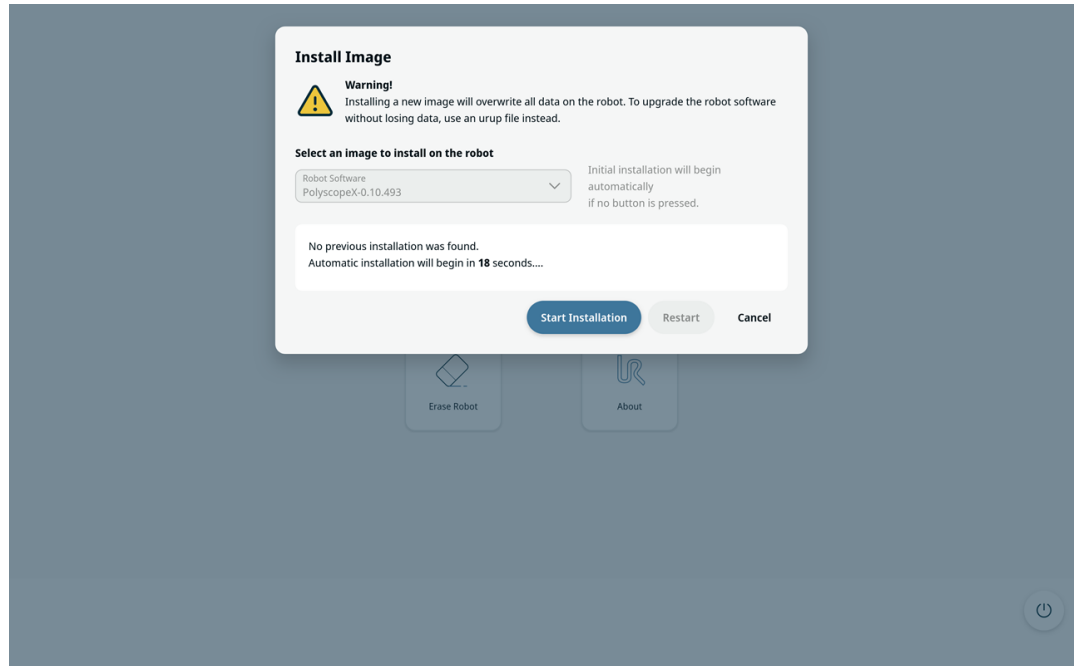
Automatic installation

If the robot disk is blank and the USB drive contains one compatible robot image, the installation screen can open automatically and display a countdown. Select **Start Installation** to start immediately, or select **Cancel** to stop the countdown and return to the main screen.

The USB drive with Robot Tools contains a file named `autoinstall`.

In this file, you can configure which image to install first during an automatic installation. This also works when the USB drive contains more than one image.

If you delete the `autoinstall` file, automatic installation does not work.



Automatic Robot Installation

For a comprehensive guide to using Robot Tools in PolyScope X, see [Robot Tools](#).

16.2. Clone Robot Image

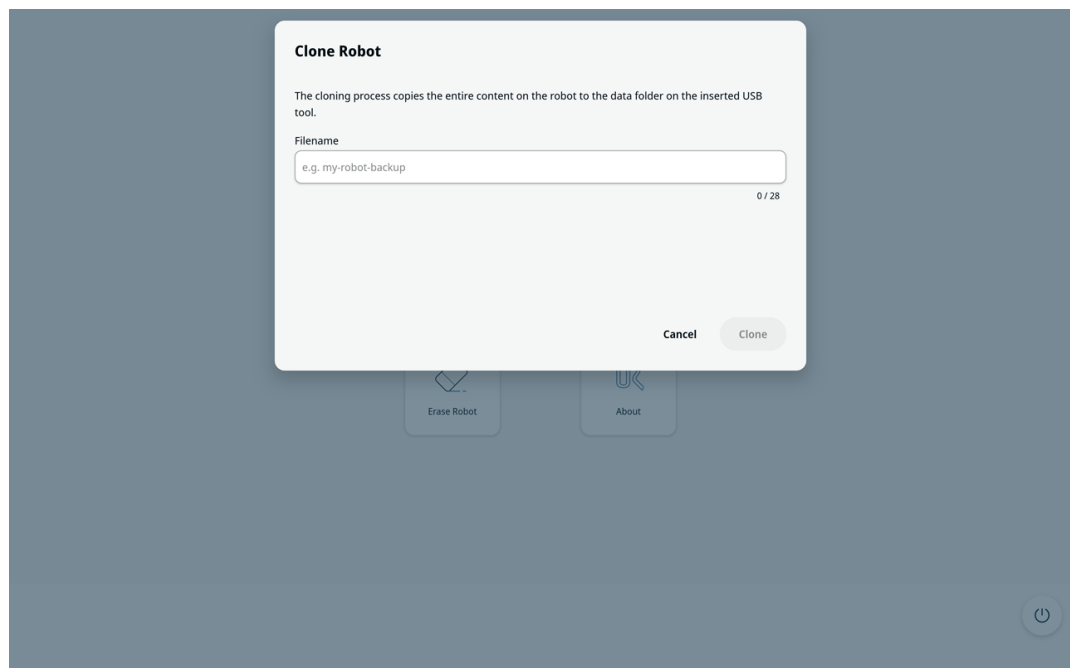
Description

Use **Clone Robot** to create an image of the robot's internal storage on the data partition of the USB drive. You can use this image to restore the robot to the saved state.



NOTICE

Make sure that the USB drive has enough free space for the clone. Do not remove the USB drive while cloning is in progress.



Clone Robot Screen

Clone Robot

1. On the main screen, select **Clone Robot**.
2. In the **Filename** field, enter a name for the clone image.
3. Select **Clone**.
4. If a clone image with the same filename already exists, confirm that you want to overwrite it.
5. Wait until the clone operation is complete. You cannot cancel the operation after it starts.
6. When the operation is complete, return to the main screen.

Before cloning starts, select **Cancel** to return to the main screen without creating a clone.



NOTICE

A robot clone is intended for backup and recovery. Do not use **Clone Robot** to manage software across a fleet of robots.

16.3. Restore Robot Image

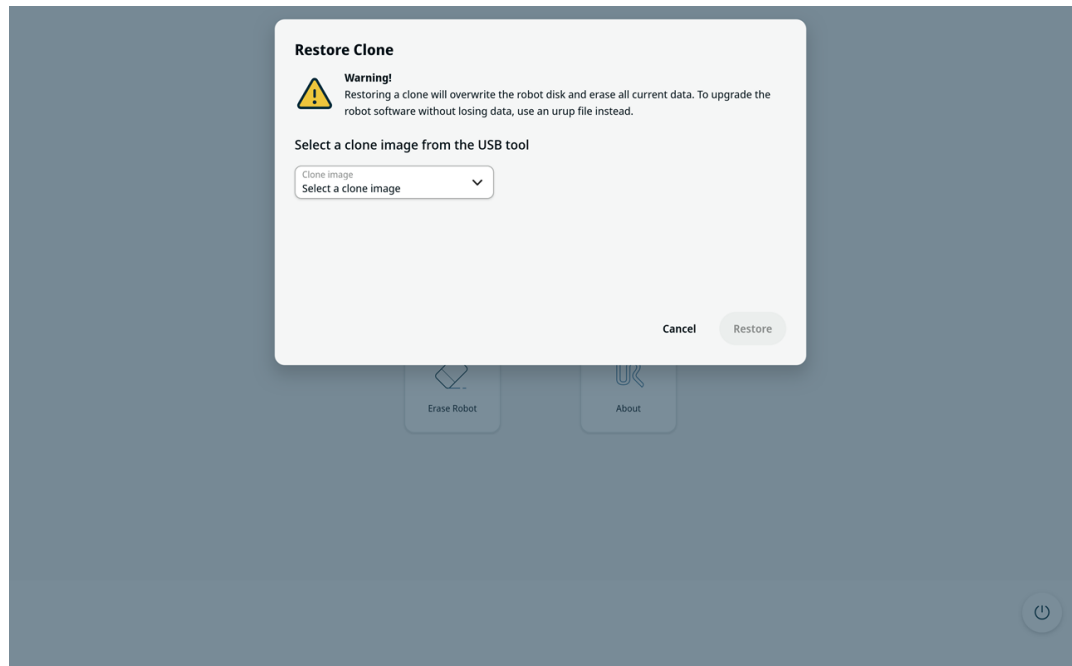
Description

Use **Restore Robot** to restore a clone image from the USB drive to the robot disk.



WARNING

Restoring a clone overwrites the robot disk. All current data on the robot is lost.



Restore Clone Screen

Restore Robot

1. On the main screen, select **Restore Robot**.
2. Under **Select a clone image from the USB drive**, open the drop-down menu.
3. Select the clone image that you want to restore.
4. Select **Restore**.
5. If prompted, confirm that you want to overwrite the robot disk.
6. Wait until the restore operation is complete. You cannot cancel the operation after it starts.
7. When the operation is complete, remove the USB drive and restart the robot.

Before restoring starts, select **Cancel** to return to the main screen without changing the robot disk.

16.4. Erase Robot Image

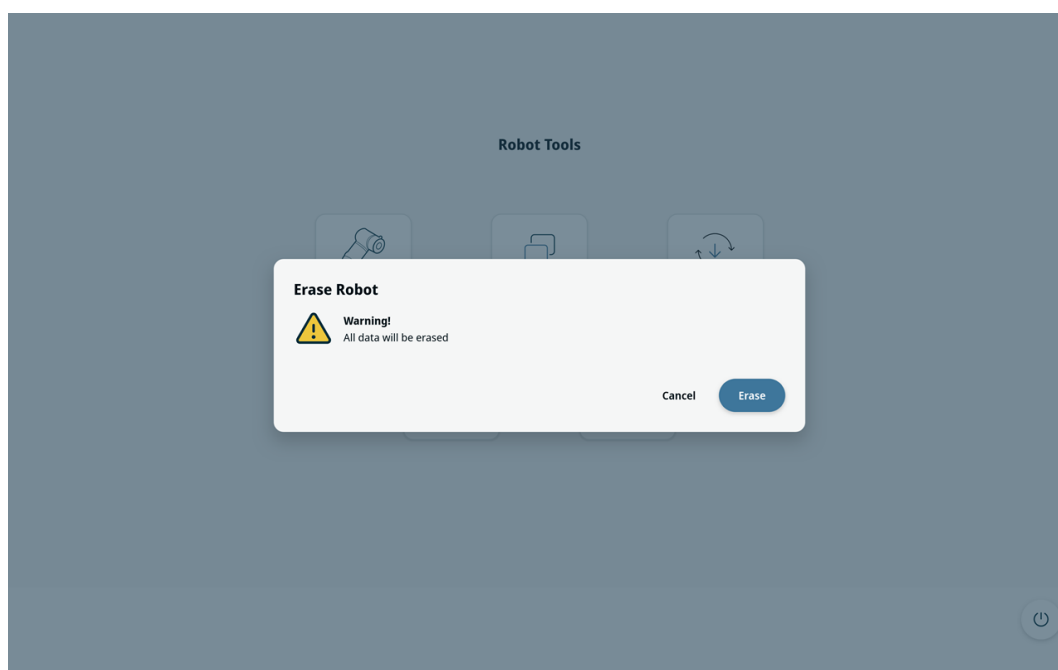
Description

Use **Erase Robot** to erase all data from the robot disk. Erase the disk when decommissioning the Control Box or before returning a compatible Control Box to removable-storage operation.



WARNING

All data is erased. The robot cannot start from the robot disk after the erase operation.



Erase Robot Screen

Erase Robot

1. On the main screen, select **Erase Robot**.
2. Select **Erase**.
3. If prompted, confirm that you want to erase the robot disk.
4. Wait until the erase operation is complete. You cannot cancel the operation after it starts.
5. When the operation is complete, return to the main screen or turn off the robot.

Before erasing starts, select **Cancel** to return to the main screen without changing the robot disk.



NOTICE

If you start the robot again with the USB drive inserted while the robot disk is blank, automatic installation may start.

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