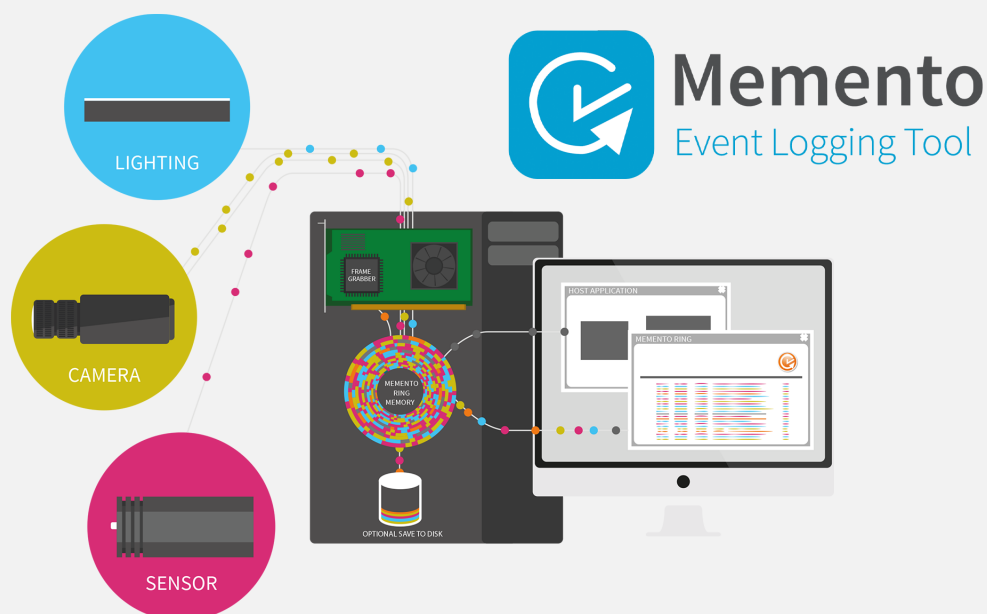


# Memento



This documentation is provided with **Memento 25.03.1** (doc build 6058).  
[www.euresys.com](http://www.euresys.com)

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# 1. Release Benefits

## Improved high DPI support

Starting with this release, the **Memento** application adapts the scaling for high DPI displays. This improves the readability on high DPI screens.

## Improved analyzer view

Starting with this release, the Analyzer view can be configured with a maximum number of visible analyzer lines.

When the number of analyzer lines exceeds the configured limit, they can be vertically scrolled using the keyboard **arrow keys** or the **mouse scroll wheel** combined with **Shift key**.

## 2. Release Specification

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### 2.1. Supported Operating Systems

#### Windows

**Memento** is designed to support support **all Windows versions from 10 to 11**, including the server versions on **x86-64 (64-bit)** platforms.

#### Release Validation

This release has been validated with the following Windows versions:

OS Name & Version	Platform	Notes
Microsoft Windows 10	x86-64 (64-bit)	Enterprise edition - Version 22H2
Microsoft Windows 11	x86-64 (64-bit)	Enterprise edition - Version 23H2



#### NOTE

- The driver is signed by Microsoft.
- Power saving modes of the operating systems (StandBy, Sleep, Suspend...) are not supported.

**See also:** [Installing Memento on Windows](#) in the Getting Started manual

## Linux

**Memento** is designed to be distribution-independent on **x86-64 (64-bit)** and **AArch64 (64-bit)** platforms. It is expected to work with a wide range of distributions.

### Kernel and GNU C library (glibc) requirements

- **Memento** requires kernel version 3.2 or higher.
- **Memento** requires glibc version 2.15 (or higher) on **x86-64 (64-bit)** and version 2.17 (or higher) on **AArch64 (64-bit)**.

### Release Validation

This release has been validated with the following distribution(s):

OS Name & Version	Platform	Notes
Linux Debian 7	x86-64 (64-bit)	Kernel version 3.2
Linux Fedora 33	x86-64 (64-bit)	Kernel version 5.8.15
Linux OpenSUSE Leap 15.4	x86-64 (64-bit)	Kernel version 5.14
Linux Ubuntu 17.04	x86-64 (64-bit)	Kernel version 4.10
Linux Ubuntu 18.04	AArch64 (64-bit)	Kernel version 5.4.0-42
Linux Ubuntu 20.04 LTS	x86-64 (64-bit)	Kernel version 5.15
Linux Ubuntu 22.04 LTS	AArch64 (64-bit)	Kernel version 5.15
Linux Ubuntu 23.10	x86-64 (64-bit)	Kernel version 6.5



#### NOTE

Power saving modes of the operating systems (StandBy, Sleep, Suspend...) are not supported.

**See also:** [Installing Memento on Linux in the Getting Started manual](#)

## macOS

**Memento** is designed to support all macOS versions from version 10.14 on **x86-64 (64-bit)** platforms and from version 12.3 on **AArch64 (64-bit)** platforms.

### Release Validation

This release has been validated with the following version(s):

OS Name & Version	Platform	Notes
macOS 10.15.7	x86-64 (64-bit)	A.k.a. Catalina
macOS 12.6.3	AArch64 (64-bit)	A.k.a. Monterey



#### NOTE

- The **Memento** driver for macOS is signed by Euresys using a certificate that has been signed by Apple.
- Power saving modes of the operating systems (StandBy, Sleep, Suspend...) are not supported.

See also: [Installing Memento on macOS](#) in the [Getting Started manual](#)

## 2.2. Memento Contributors

This release of **Memento** collects traces from products driven by the following Euresys drivers:

Driver Name	Supported versions
eGrabber	12.8 or higher
Coaxlink	3.2 up to 12.7
MultiCam	6.12 or higher

This release of **Memento** collects Analyzer traces from products driven by the following Euresys drivers:

Driver Name	Supported versions
eGrabber	12.8 or higher
Coaxlink	9.5 up to 12.7
MultiCam	6.18 or higher

## 3. Important Notices

*Important notifications to be read before installing and/or using the product!*

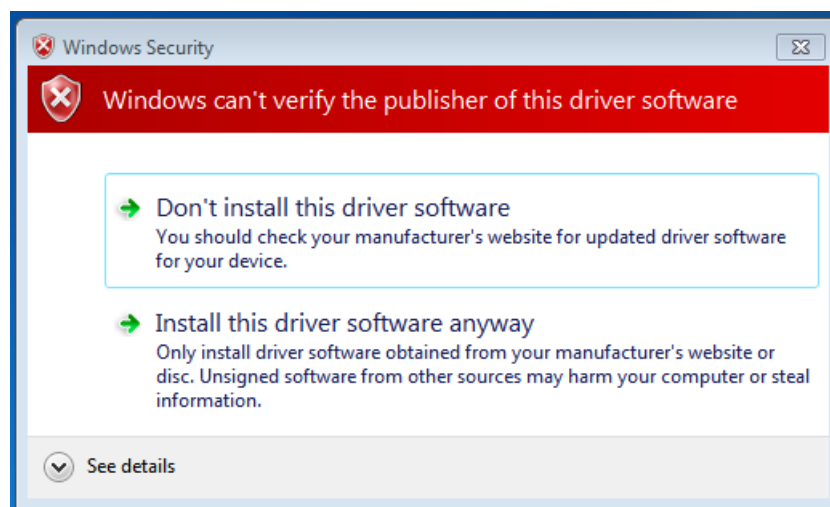
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### 3.1. Notice for Windows

*Important notifications to be read before installing and/or using the product on your Windows PC!*

#### Missing time-stamping certificate

The following Windows Security warning message may occur at driver installation on Microsoft Windows:



This Windows security warning occurs when the **GlobalSign Root CA - R6** certificate is missing from the Windows certificate store.

This issue can be solved by installing this missing certificate which can be downloaded [here](#) on the GlobalSign website then installed in the Trusted Root Certification Authorities (local computer) certificate store.



## 3.2. Notice for Linux

*Important notification to be read before installing and/or using the product on your Linux PC!*

- **Memento** must be installed prior to **eGrabber** or **MultiCam**.
- If the **eGrabber** or **MultiCam** package is already installed, proceed as follows:
  - Uninstall **eGrabber** and/or **MultiCam**.
  - Install **Memento**.
  - Re-install **eGrabber** and/or **MultiCam**.

## 3.3. Notices for macOS

*Important notifications to be read before installing the driver on your Mac!*

### Driver types

Install the **Memento** package corresponding to the **eGrabber** driver type:

eGrabber driver package	Memento package
egrabber-macos-aarch64-dext-<MA.MI.RE.BU>.pkg	memento-macos-aarch64-dext-<MA.MI.RE.BU>.pkg
egrabber-macos-aarch64-kext-<MA.MI.RE.BU>.pkg	memento-macos-aarch64-kext-<MA.MI.RE.BU>.pkg
egrabber-macos-x86_64-kext-<MA.MI.RE.BU>.pkg	memento-macos-x86_64-kext-<MA.MI.RE.BU>.pkg



#### TIP

dext drivers operate in user-mode using the default Full Security policy level. It is not necessary to change the default security setting.

### Reduced Security level (only for kext drivers on Mac computers with Apple silicon)

Kernel extensions must be explicitly enabled before the installation of Euresys -aarch64-kext- packages on Mac computers with Apple silicon.

See <https://support.apple.com/fr-be/guide/security/sec8e454101b/web>

To enable kernel extensions on a Mac with Apple silicon:

1. Enter macOS recovery
2. In **Utilities > Startup Security Utility > Security Policy**
  - a. Select **Reduced Security**
  - b. Check **Allow user management of kernel extensions from identified developers**
3. Restart the system

### Step 3. Approval of kernel extension (only for kext drivers on Mac computers with Apple silicon)

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After installing **eGrabber** or **Memento** Euresys -aarch64-kext packages, newly installed Euresys kernel extensions must be approved by the administrator in the [Security and Privacy preferences](#) and the system needs to be restarted.

## 4. Release Details

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## 4.1. New and Improved Features

*New and/or improved feature(s) in Memento 25.03*

### Improved high DPI support

Improved high DPI support up to a window width of 4096 pixels

- on Windows the application handles dynamically the scaling when a window is moved to a monitor configured with a different scale
- on Linux the application detects the current monitor scaling only when it is started (the MEMENTO\_DPI\_SCALE environment variable may be used to manually force the scaling in case of incorrect detection which might occur due to the large variety of window managers and linux distributions, example: MEMENTO\_DPI\_SCALE=1.5)
- on macOS the application handles dynamically the change of scale from the monitor preferences

### Improved analyzer view

Improved the analyzer view with a maximum configurable count of visible analyzer lines which now supports a vertical scrolling when the number of enabled analyzer lines exceeds the configured maximum count of visible lines:

- **Up/Down** arrow keys and Shift-Wheel scroll the analyzer view vertically
- **Left/Right** arrow keys move the analyzer view to the left/right
- **Ctrl-Up/Ctrl-Down** keys zoom in/out the analyzer view (on macOS the modifier key is **Command**)
- The maximum configurable count of visible analyzer lines setting is located in the new **Settings** tab of the **Analyzer Configurator** panel

**NOTE:** the analyzer view must be focused with a mouse left-click in order to take control of the analyzer view with the keyboard