

6/27/2024

# Datasheet

# Essential Bundle

Bundle of primary Open eVision libraries (formerly Full Bundle)



- Cost effective bundle of Open eVision 2D libraries
- EasyImage
- EasyGauge
- EasyFind
- EasyMatch
- EasyObject
- EasyColor
- EasyOCR
- EasyOCR2
- EasyDeepOCR
- EasyBarCode
- EasyMatrixCode
- EasyQRCode
- Does not include 3D and Deep Learning libraries

# Main benefits

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## Neo Licensing System

Neo is the new Licensing System of Euresys. It is reliable, state-of-the-art, and is now available to store Open eVision and eGrabber licenses.

Neo allows you to choose where to activate your licenses, either on a Neo Dongle or in a Neo Software Container. You buy a license, you decide later.

Neo Dongles offer a sturdy hardware and provide the flexibility to be transferred from a computer to another.

Neo Software Containers do not need any dedicated hardware, and instead are linked to the computer on which they have been activated.

Neo ships with its own, dedicated, Neo License Manager, which comes in two flavours: an intuitive, easy to use, Graphical User Interface and a Command Line Interface that allows for easy automation of Neo licensing procedures.



## All Open eVision libraries are available for Windows and Linux

- Microsoft Windows 11, 10, 8.1, 7 for x86-64 (64-bit) processor architecture
- Linux for x86-64 (64-bit) and ARMv8-A (64-bit) processor architectures with a glibc version greater or equal to 2.18

# Specifications

## Software

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### Host PC Operating System

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Open eVision is a set of 64-bit libraries that require an Intel compatible processor with the SSE4 instruction set or an ARMv8-A compatible processor.

**Open eVision can be used on the following operating systems:**

Microsoft Windows 11, 10, 8.1, 7 for x86-64 (64-bit) processor architecture

Linux for x86-64 (64-bit) and ARMv8-A (64-bit) processor architectures with a glibc version greater or equal to 2.18

### Remote connections

Remote connections are allowed using remote desktop, TeamViewer or any other similar software.

### Virtual machines

Virtual machines are supported. Microsoft Hyper-V, Oracle VirtualBox and libvirt hypervisors have been successfully tested.

Only the Neo Licensing System is compatible with virtualization.

### Minimum requirements:

2 GB RAM to run an Open eVision application

8 GB RAM to compile an Open eVision application

Between 100 MB and 2 GB free hard disk space for libraries, depending on selected options.

## APIs

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### Supported programming languages:

The Open eVision libraries and tools support C++, Python and the programming languages compatible with the .NET Framework (C#, VB.NET)

C++ requirements: A compiler compatible with the C++ 11 standard is required to use Open eVision

Python requirements: Python 3.11 or later is required to use the Python bindings for Open eVision

.NET requirements: .NET Framework versions 4.8 or later are supported

### Supported Integrated Development Environments:

Microsoft Visual Studio 2017 (C++, C#, VB .NET, C++/CLI)

Microsoft Visual Studio 2019 (C++, C#, VB .NET, C++/CLI)

Microsoft Visual Studio 2022 (C++, C#, VB .NET, C++/CLI)

QtCreator 4.15 with Qt 5.12

## Ordering Information

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### Product status

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Released

### Product code - Description

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PC4177 Open Essential Bundle for USB dongle

PC4327 Open eVision Essential Bundle

### Included libraries

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- EasyBarCode
- EasyColor
- EasyFind
- EasyDeepOCR
- EasyGauge
- EasyImage
- EasyMatch
- EasyMatrixCode
- EasyObject
- EasyOCR
- EasyOCR2
- EasyOCV
- EasyQRCode

### Related products

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- PC6512 eVision/Open eVision USB Dongle (empty)
- PC6514 Neo USB Dongle (empty)

# Offices

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