Allied Vision

EasySegment

Host PC Operating System

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.

eVision can be used on the following operating systems:

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

Microsoft Windows 11, 10 IoT Enterprise for x86-64 systems

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 eVision application

8 GB RAM to compile an eVision application

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

APIs

Supported programming languages:

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

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

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

.NET requirements: .NET framework 4.8 (or later) or the .NET platform 6.0 (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

Product status

Released

Product code - Description

PC4188 Open EasySegment for USB dongle

PC4338 Open eVision EasySegment

PC4193 Open EasySegment Inference for USB dongle

PC4343 Open eVision EasySegment Inference

Related products

PC4182 Open Deep Learning Bundle for USB dongle

PC4332 Open eVision Deep Learning Bundle