

## ZEBRA AURORA VISION STUDIO

Formerly Adaptive Vision Studio

AL-20350-01T12

Zebra Aurora Library 5.4 Runtime, ThreadLimit 12

# Zebra Aurora™ Vision Studio

- Intuitive, Powerful and Adaptable machine vision software
- Works with all major manufacturers of vision cameras
- Try the Lite version for free
- Simple HMI builder
- Over 2000 function blocks/filters

### PRODUCT DESCRIPTION

A demonstration of the software is available free of charge. Please contact [vision@oem.co.uk](mailto:vision@oem.co.uk) for further information.

#### **Zebra Aurora Studio 5.4 Professional** - AS-10250-01

- For creating and modifying applications in the visual way
- License assigned to a single user includes 1-year technical support Development

#### **Zebra Aurora Studio 5.4 Parallel Add-On** - AS-04050-01

- Enables use of unlimited Parallel Tasks in development

Note: multi-threaded licenses will also be required for runtime.

#### **Zebra Aurora Studio 5.4 Library Add-On + Code Generator** - AS-01050-01

- License for Zebra Aurora Library for the users who already own Zebra Aurora Studio Professional.
- Includes generating C++ code from programs in Zebra Aurora Studio
- Delivered on a single USB dongle with the accompanying Professional license or assigned to the same computer-ID.

#### **Zebra Aurora Studio 5.4 Runtime** - AS-10350-01

- For executing applications in the production environment
- License assigned to a single computer or smart camera
- This is a basic price for single-threaded data analysis

Note: FoundationLite, Genicam, ThirdParty and user filter modules are not counted here; they can always be used in multiple parallel tasks:

- Requires a Professional (dev.) license with valid technical support.

#### **Zebra Aurora Studio 5.4 Multi-threaded Runtime** - AS-10350-01C4, AS-10350-01C6, AS-10350-01C8, AS-10350-01C12, AS-10350-01C16, AS-10350-01T2, AS-10350-01T4

- CoreLimit enables running an unlimited number of parallel tasks or user threads, but only on a computer with specific number of physical CPU cores
- A license with CoreLimit will not work on a computer with the number of physical cores higher than the specified
- Alternatively, although not recommended, it is also possible to purchase a license with ThreadLimit; it enables running a specific number of threads on any CPU; it will work on any computer, but controlling the number of threads may be troublesome in practical use

List Price is specified for the given CoreLimit or ThreadLimit number runtime.

#### **Zebra Aurora Studio 5.4 Multiple Runtime for Servers** - AS-13050-01P2, AS-13050-01P4, AS-13050-01P6

- Enables running multiple instances of the runtime application
- Delivered as a single license with a ProcessLimit number that specifies the number of processes that can be run at the same time.

List Price is specified for the given ProcessLimit number

#### **Zebra Aurora Studio 5.4 SMART** - AS-10450-01

- All-in-one license for development and runtime
- Simplified development interface with limited features
- Sold bundled with smart camera systems; also applicable when the end user needs to have ability to modify programs directly on a production system.

#### **Zebra Aurora Library 5.4 Professional (C++ and .NET)** - AL-20250-01

- For writing and debugging programs with MSVC or GCC

- Available distributions for Windows, Linux and ARM
- License assigned to a single user
- Maximum number of user threads: 3 (without Parallel Add-on) includes 1-year technical support development.

#### **Zebra Aurora Library 5.4 Parallel Add-on** - AL-04050-01

- Enables an unlimited number of threads in development

Note: multi-threaded licenses will also be required for runtime.

#### **Zebra Aurora Library 5.4 Runtime** - AL-20350-01

- For running executables based on AVL.DLL/SO (debugging not possible)
- License assigned to a single computer or smart camera
- This is a basic price for single-threaded data analysis

Note: FoundationLite, Genicam and ThirdParty modules are not counted here; they can always be used in multiple threads.

- Requires a Library (development) license with valid technical support.

#### **Zebra Aurora Library 5.4 Multi-threaded Runtime** - AL-20350-01C4, AL-20350-01C6, AL-20350-01C8, AL-20350-01C12, AL-20350-01C16, AL-20350-01T2, AL-20350-01T4

- CoreLimit enables running an unlimited number of parallel tasks or user threads, but only on a computer with specific number of physical CPU cores
- A license with CoreLimit will not work on a computer with
- The number of physical cores higher than the specified
- Alternatively, although not recommended, it is also possible to purchase a license with ThreadLimit; it enables running a specific number of threads on any CPU; it will work on any computer, but controlling the number of threads may be troublesome in practical use.

List Price is specified for the given CoreLimit or ThreadLimit number:

#### **Zebra Aurora Library 5.4 Multiple Runtime for Servers** - AL-23050-01P2, AL-23050-01P4, AL-23050-01P6

- Enables running multiple instances of the runtime application
- Delivered as a single license with a ProcessLimit number that specifies the number of processes that can be run at the same time.

List Price is specified for the given ProcessLimit number

#### **Zebra Aurora Deep Learning Add-On** - DL-02050-01

- Available for both Studio and Library
- Requires a development license with valid technical support
- One license is required for development, one for each runtime system
- It is an add-on; it must be purchased together with another base license (development or runtime)
- Since v 5.1, yearly technical support extension is required also for this Add-on when bundled with development licenses.

#### **Zebra Aurora Deep Learning Add-On, GpuLimit 4** - DL-02050-01G4

- Enables use of multiple GPUs for inference
- Available for both Studio and Library
- Requires a development license with valid technical support
- One license is required for development, one for each runtime system
- It is an add-on; it must be purchased together with another base license (development or runtime)
- Since v 5.1, yearly technical support extension is required also for this Add-on when bundled with development licenses.

#### **Deep Learning Add-On OEM** - DL-02550-01FD, DL-02550-01AD, DL-02550-010C, DL-02550-01SI, DL-02550-01PL

- Minimum order: 25 (based on a contract)
- Inference only (no training functionality)
- One tool
- Feature Detection
- Anomaly Detection
- Object Classification
- Instance Segmentation
- Point Location Add-on

#### **Zebra Aurora Deep Learning Runtime OCR** - DL-02350-01CR

- DL OCR is cheaper than other DL tools
- Inference only (no training functionality)

#### **Zebra Aurora Deep Learning Runtime OCR, CoreLimit 8** - DL-02350-01C8

- CoreLimit enables running an unlimited number of parallel tasks or user threads, but only on a computer with specific number of physical CPU cores
- Inference only (no training functionality)