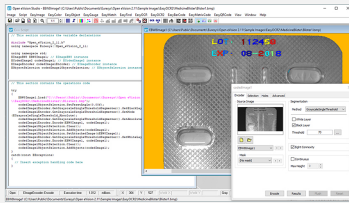# Open eVision Studio

## Evaluation and prototyping application



### At a Glance

- Intuitive graphical user interface
- Call and immediately display the result of any Open eVision function
- Generate C++, C# and Visual Basic code
- Free of charge

## Benefits

### New in Open eVision 24.02

EasyFind : Significant speed increase, without any loss of accuracy.

EasyImage

- New Gabor filtering function to help with texture analysis and edge detection.
- New inverse circle warp function, providing conversion between polar and cartesian coordinates.

Easy: Improved off-screen rendering on all platforms.

Admin: Simplified version upgrade procedure with version numbers removed from filenames.

### Open eVision Studio: Evaluation, prototyping and development tool

Open eVision Studio is the evaluation, prototyping and development tool of Open eVision. Its intuitive graphical user interface allows you to call and immediately see the result of any of eVision's 2D image processing functions. A scripting functionality generates the corresponding code, which can then be copied and pasted into your application.

Open eVision Studio is free (when using Open eVision 2.0 and above) and does not require any license.

Just click on DOWNLOAD OPEN EVISION STUDIO and install Open eVision. Sample images, manuals and sample programs are included.

### Code generation

Faster than reading the manuals! Any function called from Open eVision's menus and dialog boxes sees its corresponding C++, C# or Visual Basic code added to the script. Just copy the relevant parts to your application to include the corresponding functionality.

### New in Open eVision 23.12

Import of standard datasets into Deep Learning Studio

- Import of COCO Json dataset for EasyLocate or EasySegment Supervised
- Import of YOLO TXT annotations for EasyLocate
- Import of Pascal VOC XML annotations for EasyLocate

EasySpotDetector (Beta release, contact us for more information)

- A single API and license for the alignment of region of interest, surface defect detection (particles, scratches,…) and classification with a custom trained Deep Learning classifier.
- Realtime processing for inline surface inspection

## Template creation

Open eVision Studio includes functions to interactively create templates for EasyMatch and EasyFind, as well as manage EasyOCR and EasyOCR2 font databases.

## Open eVision Evaluation

Load your own images into  Open eVision Studio and immediately see the result of any Open eVision function. No programming is required.

## Benchmarking

Open eVision Studio measures and displays the real execution time (on your machine) of any Open eVision's function.

## Specifications

### Software

| | |
|---|---|
| Host PC Operating System | • Microsoft Windows 11, 10, 8.1, 7 for x86-64 (64-bit) processor architecture<br>• Microsoft Windows 10, 8.1, 7 for x86 (32-bit) processor architecture<br>• Minimum requirements:<br>  − 8 GB RAM<br>  − 400 MB free hard disk space |

### Ordering Information

| | |
|---|---|
| Product code - Description | • 4163 - Legacy Open eVision Studio 1.2 for USB dongle<br>• 4213 - Legacy Open eVision Studio 1.2 for PAR dongle<br>• 4910 - Open eVision Studio |

## EMEA

**Euresys SA**

Liège Science Park - Rue du Bois Saint-Jean, 20
4102 Seraing - Belgium

Email:     sales.europe@euresys.com

## EMEA

**Sensor to Image GmbH**

Lechtorstrasse 20
86956 Schongau - Germany

Email:     sales.europe@euresys.com

## AMERICA

**Euresys Inc.**

316 Prado Way
Greenville, SC 29607 - United States

Email:     sales.americas@euresys.com

## ASIA

**Euresys Pte. Ltd.**

750A Chai Chee Road - #07-15 ESR BizPark @ Chai Chee
Singapore 469001 - Singapore

Email:     sales.asia@euresys.com

## CHINA

**Euresys Shanghai Liaison Office**

Unit 802, Tower B, Greenland The Center - No.500 Yunjin Road, Xuhui District
200232 Shanghai - China
Euresys上海联络处
上海市徐汇区云锦路500号绿地汇中心B座802室
200232

Email:     sales.china@euresys.com

## CHINA

**Euresys Shenzhen Liaison Office**

Room 1202 - Chinese Overseas Scholars Venture Building
518057 Shenzen - China
Euresys深圳联络处
深圳南山区留学生创业大厦1期1202
518057

Email:     sales.china@euresys.com

## JAPAN

**Euresys Japan K.K.**

Expert Office Shinyokohama - Nisso Dai 18 Building, Shinyokohama 3-7-18, Kohoku
Yokohama 222-0033 - Japan
〒222-0033
神奈川県横浜市港北区新横浜3-7-18 日総第18ビル　エキスパートオフィス新横浜

Email:     sales.japan@euresys.com

More at www.euresys.com