MATROX DESIGN ASSISTANT IDE

formerly Matrox Design Assistant

DAMAINT
One-year extension to DA Maintenance program (per developer)



- Flowchart-based vision software
- Hardware-independent environment - choose your platform
- Compatible with GigE Vision & USB3 Vision
- Design Assistant X provides support for 3D-scanners and Depth Map -images
- Runtime-environment (MIL10) also available for Linux

PRODUCT DESCRIPTION

Matrox Design Assistant is an integrated development environment (IDE) for Microsoft® Windows® where vision applications are created by constructing an intuitive flowchart instead of writing traditional program code. In addition to building a flowchart, the IDE enables users to design a graphical web-based operator interface for the application. Since Matrox Design Assistant is hardware independent, choose any computer with GigE Vision® or USB3 Vision® cameras and get the processing power needed. Work with multiple cameras all within the same project, or per project running concurrently and independently from one another. This field-proven software is also a perfect match for a Matrox vision controller or the Matrox Iris GTR smart camera. Matrox Design Assistant offers the freedom to choose the ideal platform for any vision project.

- Solve machine vision applications efficiently by constructing flowcharts instead of writing program code
- Choose the best platform for the job within a hardware-independent environment that supports Matrox smart cameras and vision controllers, and third-party PCs with GigE Vision or USB3 Vision cameras
- Tackle machine vision applications with utmost confidence using field-proven tools for analyzing, locating, measuring, reading, and verifying
- Use a single program for creating both the application logic and operator interface
- Work with multiple cameras all within the same project or per project running concurrently and independently from one another
- Interface to third-party 3D sensors to process and analyze their depth map
- Rely on a common underlying vision library for the same results with a Matrox smart camera, vision system, or third-party computer
- Maximize productivity with instant feedback on image analysis and processing operations
- Receive immediate, pertinent assistance through an integrated contextual guide
- Communicate actions and results to other automation and enterprise equipment equipment via discrete Matrox I/Os, RS-232, and Ethernet (TCP/IP, EtherNet/IP™, Modbus®, PROFINET®, and native robot interfaces)
- Maintain control and independence through the ability to create custom flowchart steps
- Increase productivity and reduce development costs with Matrox Vision Academy online and on-premises training
- Protect against inappropriate changes with the Project Change Validator tool

SPECIFICATIONS

PC Development	Gives access to software updates and Matrox support for the duration of the plan
PC System Requirements	Requires Matrox Design Assistant licence