WebAccess/EzBuilder

Intuitive GUI and Configurable Machine Vision Application Software

Features
- Intuitive GUI that does not require programming skills
- Cross-platform support, compatible with embedded systems and smart cameras
- Complies with the GenICam Standard, supports GigE Vision-compliant cameras
- Flexible licensing options, including identification, alignment, inspection, and gauging modules, to reduce total cost of ownership
- Supports up to 8 GigE Vision cameras
- Thread-safe and multitasking vision inspection

Introduction
Advantech WebAccess/EzBuilder is a configurable GUI-based machine vision software package that facilitates building and deploying machine vision applications without any programming skills. It supports a wide range of Advantech industrial PCs, smart cameras, and embedded systems, and can be deployed on different hardware platforms without modification. Moreover, as a configurable cross-platform tool, it shortens the learning curve. With its user-friendly, flowchart-based design, WebAccess/EzBuilder provides an easy approach to system installation and project development while reducing future maintenance costs. Customers can complete their tasks easily by following three simple steps: select an image, process the image, and output the results. Moreover, WebAccess/EzBuilder provides various GUI layouts to suit customers' specific applications.

WebAccess/EzBuilder is also designed to be task-oriented, meaning that users can quickly find the function they need to use. Furthermore, it is modular and offers flexible licensing options, making it the most cost-effective choice for customers seeking machine vision software solutions. With its powerful yet easy-to-use identification, alignment, inspection, and gauging tools, WebAccess/EzBuilder is suitable for a wide range of automated inspection applications aimed at tracking/tracing, present/absent decision-making, guidance, material handling, and quality assurance.

Multicamera Support
- Supports up to 8 GigE Vision cameras
- Simultaneous inspection of multiple objects

Cross-Platform Compatibility
- EzBuilder is compatible with the VPS-3100 vision system
- Easy to deploy on industrial PCs and smart cameras

Optical Character Recognition
- Full support for text rotation (360 degrees)
- Can learn character databases from one or multiple TrueType Font files

Alignment
- Convolution and morphology
- Geometric transformation
- High dynamic range image fusion
- Rotation and scaling support

Intuitive GUI
- Intuitive flowchart-based methodology that enables easily and quickly building and deploying machine vision applications without requiring any programming skills

Flexible Licensing Options
- Application-oriented licensing options
- Expedites time to market
- Cost-effective solution

QR Code
- Decodes model 1 and model 2 QR codes, all versions, all levels
- Error detection and correction
- Rotation and flipping invariant

Inspection
- Subpixel point location and edge fitting
- Measurement of position, orientation, size, curvature, and distance
- Geometric feature extraction

Ordering Information
Vision Software
- EZB-EEV-10ID
- EZB-EEV-10AL
- EZB-EEV-10IN
- EZB-EEV-10FU

Vision Platform
- VPS-3100I-10A

Industrial Camera, Monochrome
- OCAM-GM3800-007DE
- OCAM-GM3800-010CE
- OCAM-GM3800-018DE
- OCAM-GM2500-020DE
- OCAM-GM2500-014DE
- OCAM-GM1920-040CE
- OCAM-GM1600-060DE
- OCAM-GM1300-060DE
- OCAM-GM1300-030CE
- OCAM-GM1280-075DE
- OCAM-GM1280-075DE
- OCAM-GM0640-120DE

All product specifications are subject to change without notice.

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