iFactory

Edge
Solution Ready
Package

Intelligent Vision Inspection System

Simplify Development and Deployment

Edge-SRP
Edge Solution Ready Package

ESRP-MVS-AIIS3410

- User-friendly, flowchart-based user interface
- Sensor to software total solution
- Equipped with the Vision Express suite of machine vision software tools

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WISE-PaaS

Edge Solution Ready Package

ESRP-MVS-AIIS3410

User-Friendly, Flowchart-Based User Interface

Provides an easy approach to system installation and project development while reducing future maintenance costs

Sensor to Software Total Solution

Integrated with industrial grade image sensors, a high performance multi-core controller, and application software to accelerate time to market

Equipped with the Vision Express suite of machine vision software tools

Satisfies a range of machine vision applications, including guidance, identification, gauging, and inspection

Category	ESRP-MVS-AIIS3410-U5	ESRP-MVS-AIIS3410-P7
Machine Vision Software	Vision Express	
Tools	**ROI**: rectangle, circle, polygon, ellipse, circle, arc, rotation rectangle **Calibration**: dot grid, multiple points **Guidance**: pattern matching, advanced pattern matching **Identification**: 1D bar code, Data Matrix Code, QR Code, O.C.R (Optical Character Recognition) **Gauge**: line, circle, angle, arc, pitch **Inspection**: spatial domain, frequency domain preprocessing **Sequence**: branching, looping	
Sensor	0.3 - 10MP, Mono/Color, USB Vision	0.3 - 10MP, Mono/Color, GigE Vision
Processor	Intel i5-7500 3.5GHz	Intel i7-7700 3.6GHz
RAM/Storage	8GB DDR / 128G SSD	
Display	1 x VGA, 1 x DIV-D	
LAN, Serial Port	2 x 10/100/1000BASE-T, 2 x RS232/422/485	
USB	4 x USB 3.0	
Digital I/O	16 Digital output: High output driving capacity (500 mA max./channel) High-voltage isolation on output channels (2,500 VDC) 16 Digital input: Interrupt capable for all 16 DI channel Supports 3~30 VDC isolated input channel Dry/Wet contact support	
Power input	DC 19-24V @ 8-6.3A	
Dimensions	240 (W) x 97 (H) x 190 (D) mm (9.45" x 3.82" x 7.48")	
Environment	Operating Temp.: 0 - 45° C Vibration: 0.5Grms; Shock: 10G	
Certification	CE, FCC Class A, CCC, BSMI	
O.S	Windows 10 IoT	

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Ordering Information

ESRP-MVS-AIIS3410-U5	4-CH USB Vision, i5-7500 CPU vision system with Vision Express
ESRP-MVS-AIIS3410-P7	4-CH GigE Vision, i7-7700 CPU vision system with Vision Express

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