

YASKAWA ELECTRIC CORPORATION

Network Machine Vision System MYVIS YV260

Features

With the network machine vision system, the present positions of the servo's axes are constantly obtained, and the images are processed using the servo coordinates.

- Instant alignment (Positioning with no retries required.)
- Non-stop alignment (Object does not stop in front of camera.)
- Correspondence to the high-resolution camera (5,000,000 pixels)
- High-speed, high-precision image processing
- Preprocessing function with hardware
- Easily created application software
- Reduced wiring with networking

Models:

[Unit Type]

[Board Type]

JEVSA-YV260A□-E (AC100V/200V) JEVSA-YV260S□-E (DC12V)

JEVSA-YV260D□-E (DC24V)

□1: Analog 2: Digital



MYVIS YV260

Specifications

Item		Specifications
Image Processing		Gray scale pattern matching, binary image analysis, preprocessing
Memory	Template Storage Memory	CF cards (2 GB max.), Required as external memory (Sold separately.)
	Image Memory-Frame Memory	4096 × 4096 × 8 bits × 4 images (640 × 480 × 8 bits × 192 images)
	Image Memory-Template Memory	16MB
Image Input	Camera Interface	Analog: New EIAJ 12-pin connector × 4 Four A/D conversion circuits Digital: CameraLink 26-pin connector × 4
	Camera Sync Mode	Analog: internal/external sync Digital: internal sync
	Number of the camera pixels	Analog: 300,000 - 1,400,000 pixels Digital: 300,000 - 5,000,000 pixels
	Random Trigger Shutter Supported	Analog: Sync-nonreset, sync-reset, single VD or V reset Digital: Sync-nonrese
	Simultaneous number of taking	Four
Monitor	Monitor Output	VGA monitor (15-pin D-sub) VGA (640 × 480), XGA (1024 × 768)
	Image Display	Simultaneous reduction for two or four cameras, scalable, and binary display.
I/O	Network	MECHATROLINK- I / II, Ethernet (10BASE-T/100BASE-TX)
	Serial	RS-232C × 2 ch (9 pin D-sub) 1200 bps to 115200 bps
	Track Ball	USB mouse
	Parallel	16 general-purpose inputs and 4 specific inputs 16 general-purpose outputs and 2 specific outputs Photocoupler insulation

MECHATROLINK specifications

		M- I	M- II	
		17-byte	17-byte	32-byte
Command	Intelligent I/O	×	×	×
※Transmission cycle		2ms	0.5ms to 4.0ms	

※The transmission cycle time of the MYVIS is 2 ms.

Contact Information

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America: U.S.A., Brazil, Canada, Mexico

Asia Pacific: China, Korea, Taiwan, Singapore, India

Europe: Germany, Sweden, Israel, Italy, France, Spain, Finland, Netherlands, Slovenia, Czech republic, Turkey