

## 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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YASKAWA has sales and after-sales service all around the world.

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