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Find the *Teledyne Dalsa / Coreco Imaging IPD VA20-03* at our website: ***Click HERE***

IPD VA2X / VA3X

Dual Camera Vision Appliance

PRODUCT DATASHEET

Overview

The VA2X and VA3X Vision Appliances provide end users and system integrators with practical machine vision solutions for single or dual camera applications. These low-power DIN mountable systems have been specifically designed to minimize integration and speed deployment by providing easily accessible control and intuitive software setup.

Unlike their traditional smart camera counterparts, the VA2X and VA3X incorporate the “smarts” inside the camera controller, as opposed to the camera head. This has the dual benefit of easier integration, since it can be positioned in a chassis alongside other automation controllers, and smaller camera size, thus making it suitable for tight-fit applications. In addition, the built-in dual camera capability provides a cost-effective solution in multi-camera applications.

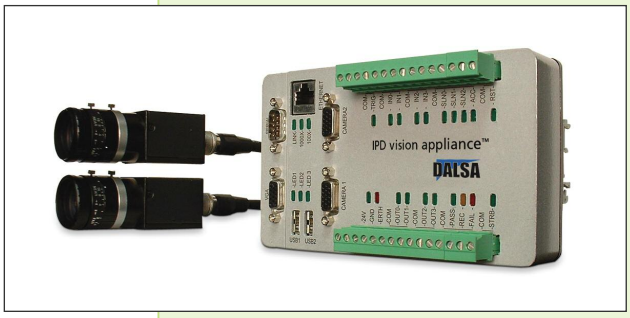
Interfacing the VA2X and VA3X is a snap. The units are fully equipped with industrial grade Inputs and Outputs that are wired using removable screw terminal connectors. Visible LED lights are coupled to each connection that reflects the active state of each signal. The I/O, together with all external interfaces, is conveniently accessible on the front of the unit facing the user.

Application setup software is preinstalled and ready to run, thus eliminating installation and revision control problems. The VA2X and VA3X offer two distinct software interfaces, called iNspect and Sherlock. iNspect provides application versatility and ease-of-use, allowing you to setup and deploy a vision solution in a matter of minutes. For more complex tasks, Sherlock provides even greater flexibility and control, giving you the tools and capabilities at your fingertips to apply to almost any application.

Less integration, quick software setup, multiple cameras…..with the VA2X or VA3X Vision Appliance, integrating machine vision just got a whole lot easier!

Key Features:

- Compact DIN mountable system
- Single or dual camera inspections
- Suitable for tight-fit camera applications
- No software to install
- Powerful embedded processors ensure fast inspection times
- Online or offline inspection
- Quick connect/disconnect wiring
- Easily integrates into factory environments
- Universal solution for end-users, integrators and machine builders



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The VA2X and VA3X are available in two versions. The VAX0 version requires an external PC/Laptop connection with Microsoft web browser for remote setup. The VAX1 version contains additional hardware that allows users to setup and run applications locally. The Sherlock software application is only supported on the VAX1 platforms.

FEATURES

		VA20	VA30	VA21		VA31	
Version	Order Code	**Standard** -03	**Standard** -03	**Standard** -03	**Full** -04	**Standard** -03	**Full** -04
Speed	Relative	1X	2X	1X		2X	
Memory	Program Storage	256MB 64MB Flash	512MB 128MB Flash	256MB 1GB Flash		512MB 4GB Flash	
Image	Sensor Type	Analog Progressive Scan					
	# Sensors	2 (simultaneous)					
	Sensor Format	Area scan					
	Sensor Size Min	640x480	640x480	640x480		640x480	
	Sensor Size Max	1024x768	1375x1135	1024x768		1600x1200	
Communication	USB	2 x USB 1.1	2 x USB 2.0	2 x USB 1.1		2 x USB 2.0	
	Ethernet	10/100/1000 Mbps					
	Serial	1 x RS232					
	Protocols	Modbus, Ethernet/IP, ContolLogix, GE SNP					
	Visual	26 status indicators					
Display	Local	1024x768 (XGA)					
I/O	Inputs	Opto-isolated to 5000V Adjustable switch point: 2-10V 10 configurable (Triggers, Solution ID, General Purpose)					
	Outputs	Opto-isolated SS relays 300mA @ 30V 8 configurable (Decision Outputs, Light Strobe, General Purpose)					
Software	Application	iNspect iLabel	iNspect iLabel	iNspect iLabel	iNspect iLabel Sherlock	iNspect iLabel	iNspect iLabel Sherlock
Power	Voltage	24 VDC +/- 5% @ 1A					
Environment	Operating Temp	0-40°C					
	Storage Temp	-10-85°C					
	Relative Humidity	5-90% (non-condensing)					
Mechanical	Material	Aluminum					
	Dimensions	9.5H x 16L x 5D cm					
	Weight	1.65 lbs, 0.75Kg					
Certification		CE					

To learn more about the VA2X & VA3X, see our website at **www.goipd.com/appliances**

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