VA15, VA2X, VA3X

Key Features

- Compact DIN mountable device
- Single or dual camera inspections
- Suitable for tight-fit camera applications
- Pre-installed applications for all levels of expertise
- Image resolutions to 1600 x 1200
- Quick connect/disconnect wiring

Vision Capabilities

- Positioning
- Identification
- Verification
- Measurement
- Flaw Detection

Overview

Compact Vision Appliances for Dual Camera Applications

DALSA's VA15, VA2X and VA3X Vision Appliances provide automated optical inspection solutions for applications requiring one or two views of a part. Designed for easy setup and integration, DALSA Vision Appliances offer manufacturers a cost-effective and practical means of automating quality control on the factory floor.

The VA15, VA2X and VA3X products are fully equipped with directly accessible industrial grade inputs and outputs that are wired using removable screw terminal connectors. A visible LED light is coupled to each connection to reflect the active state of the signal. Flexible I/O, combined with choice of camera resolution and software user interface make these vision appliances well suited to tackle a wide range of inspection tasks.
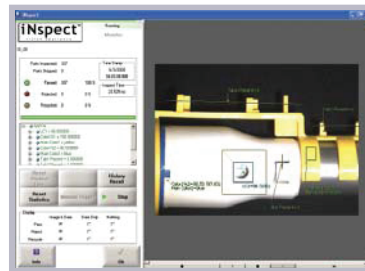
Specifications	VA15	VA20	VA21	VA30	VA31
Program Memory	128 MB	256 MB	256 MB	512 MB	512 MB
Storage Memory	64 MB	128 MB	2 GB	128 MB	4 GB
Image Size min.	640 x 480				
Image Size max.	640 x 480	1024 x 768	1024 x 768	1600 x 1200	1600 x 1200
# Cameras	1 Area	2 Area	2 Area	2 Area	2 Area
Communication					
- Ethernet	10/100/1000				
- USB	2 x 1.1	2 x 1.1	2 x 1.1	2 x 2.0	2 x 2.0
- Serial	RS-232				
- Visual	26 LEDs				
I/ O	24V 10in/8out				
User Interface	iNspect Lite	iNspect	iNspect/Sherlock	iNspect	iNspect/Sherlock
Power	24V @ 1A				
Operating	0-40°C ambient				
	5 - 90% humidity				
Dimensions	9.5 x 16 x 5				
Compliance	CE				

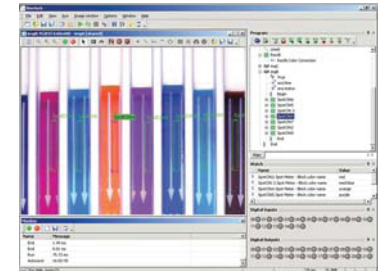TEP Solutions — DALSA

VA15, VA2X, VA3X
Vision Appliance

The VA15, VA2X and VA3X products are pre-loaded with two distinct application interfaces to cater to the differing needs and experiences of end users. Each offers a comprehensive suite of tools and capabilities to satisfy a variety of applications and industries.

Both software interfaces support standard factory protocols, such as Modbus and Ethernet/IP, for connecting with complementary factory equipment.
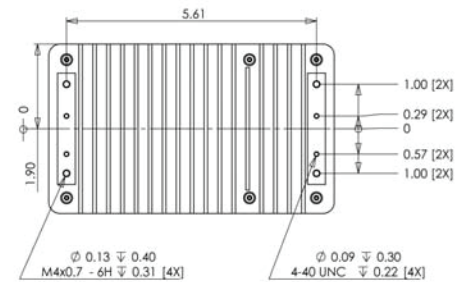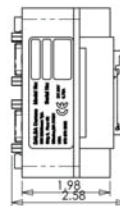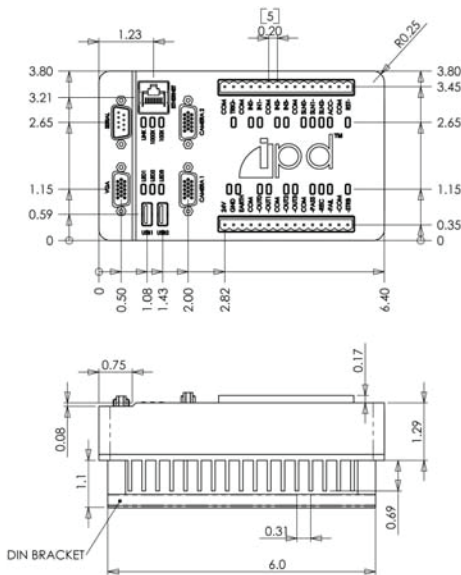

Designed for All Users
iNspect software allows users to setup and deploy vision solutions with little or no prior experience.

iNspect is available in various languages such as English, Chinese, French, German, Italian Japanese and Spanish.

Designed for All Users
Sherlock software offers experienced integrators flexibility and advanced capabilities to tackle the most demanding applications.

Sherlock has been deployed in thousands of applications worldwide.

Rear view without DIN Bracket

VA15, VA2X, VA3X Dimensions
All dimensions in inches