

## **DATASENSING VISION SENSOR DATAVS2 PRO**

**DATAVS2-06REPRO**

Vision Sensor, 6mm lens, PRO, Red LED



- 360° pattern recognition / Controls for Bar code, Datamatrix
- Memory for up to 20 different inspections
- 3 outputs
- R232 interface

### **PRODUCT DESCRIPTION**

DataVS2 is a series of Vision sensors for flexible solutions for machine applications.

The sensor is complete with optics, red LED lighting and electronics in a compact housing. The parameters in the sensor are set via PC through Ethernet communication. The software comes with the sensor and is developed to lead the user step by step through parameter setting. DataVS2 is available in 4 different versions with different control instruments.

The PRO model - handles the functions in the Advanced and ID models.

It manages 360° pattern recognition and also bar code, datamatrix and OCV. It also has 5 new instruments: 3 locators ( Bar code, Datamatrix and 360° contour matching)

2 controls: 360° contour counter, 360° defect finder

### **TECHNICAL DATA**

<b>Digital interface</b>	Ethernet 10/100 Mbs (4-pole M12 -connector)
<b>Electrical connection</b>	M12 4-pole D-coded, M12 8-pin connector
<b>Frame rate</b>	60
<b>IP class</b>	IP50
<b>Lens material</b>	ABS plastic
<b>Material protection</b>	Aluminium
<b>Optics</b>	6mm integrated lens
<b>Output</b>	3xPNP, RS232
<b>Output current max</b>	0,1 A
<b>Power consumption max</b>	0,1 A
<b>Resolution</b>	640x480 (VGA)
<b>Temperature operational max</b>	50 °C

**Temperature operational min**

-10 °C

**Voltage dc max**

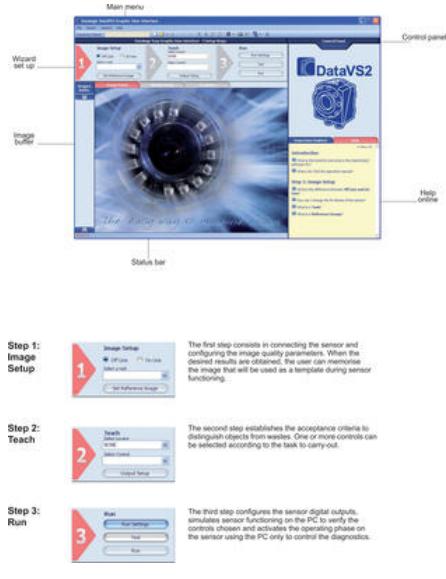
24 V

**Voltage dc min**

24 V

**Voltage tolerance**

10%



The professional model includes in the same software all the functionalities already available on Advanced and Identification versions. Moreover it features 5 new software tools: 3 locators and 2 controls.	
Locators	Functioning
Barcode	Finds a barcode in the Region Of Interest and re-locates all the other inspection controls accordingly.
Datamatrix	Finds a datamatrix code in the Region Of Interest and re-locates all the other inspection controls accordingly.
360° Contour Match	Finds a reference template in the Region Of Interest and re-locates all the other inspection controls accordingly.
Controls	Functioning
360° Contour Counter	Counts how many times a reference contour is present in the Region Of Interest.
360° Defect Finder	Detects even smallest defects on a part.

