

DATALOGIC - VISION SENSOR DATAVS2 REID

DATAVS2-16-REID

Vision Sensor, 16mm lens, ID, Red LED

- Controls for bar code, Datamatrix and OCV
- Memory for up to 20 different inspections
- 3 outputs
- R232 interface

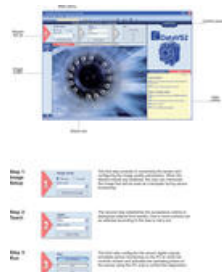


Product description

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

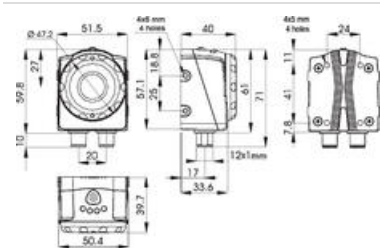
The sensor is complete with optics, red LED lighting and electronics in a compact housing. The parameters in the sensor are set via PC through Ethernet communication. The software comes with the sensor and is developed to lead the user step by step through parameter setting. DataVS2 is available in 4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

Identification ID - Reads bar codes, datamatrix and OCV.

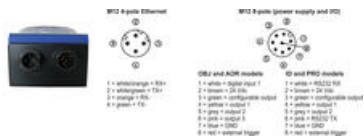


Technical data

Supply voltage	24 V DC $\pm 10\%$
Ripple	1Vpp max. with lighting 2Vpp without lighting
Current consumption	100 mA at 24 VDC (without lighting)
Output type	3 PNP, 100 mA max.
	RS232
Resolution	640x480 (VGA)
Network interface	M12 4-pole Ethernet 10/100 Mbs
Interface external lighting	Strobe signal (24 V PNP N.O)
Frame rate	60 fps
optics	integrated (6 mm/8 mm/12 mm/16 mm)



Connection



Order number

Order number	Description	Output
DATAVS2-06-REID	6 mm lens, ID	3 outputs, RS232
DATAVS2-08-REID	8 mm lens, ID	3 outputs, RS232
DATAVS2-12-REID	12 mm lens, ID	3 outputs, RS232
DATAVS2-16-REID	16 mm lens, ID	3 outputs, RS232
DATAVSCVRJ45D03	Ethernet cable 3m	

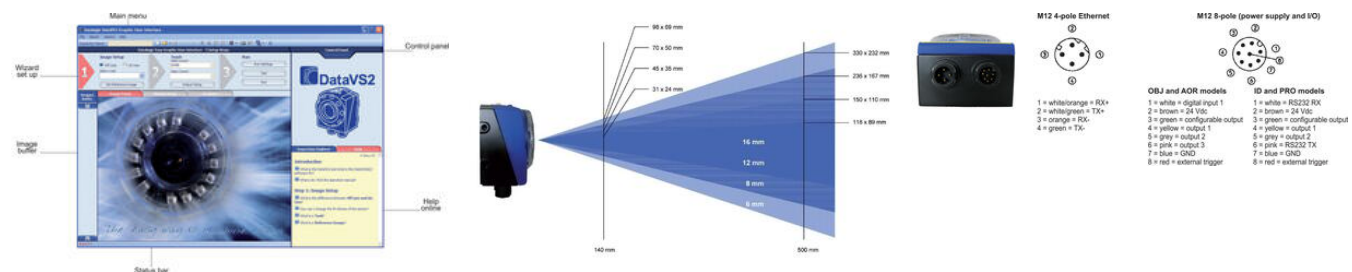
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Data sheet	Download
Manual	Download

Specifications

Electrical connection	M12 4-pole D-coded, M12 8-pin connector
Frame Rate	60
Interface	Ethernet 10/100 Mbs (4-pole M12 -connector)
IP Class	IP50
Lens material	ABS plastic
Material Protection	Aluminium
Optics	16mm integrated lens
Output	3xPNP, RS232
Output current max	0.1
Power consumption max	0.1
Resolution	640x480 (VGA)

Temperature range from	-10
Temperature range to	50
Voltage DC max	24
Voltage DC min	24
Voltage Tolerance	10%



- Step 1: Image Setup**
- The first step consists in connecting the sensor and configuring the image quality parameters. When the desired results are obtained, the user can memorise the image that will be used as a template during sensor functioning.
- Step 2: Teach**
- The second step establishes the acceptance criteria to distinguish objects from wastes. One or more controls can be selected according to the task to carry-out.
- Step 3: Run**
- The third step configures the sensor digital outputs, simulates sensor functioning on the PC to verify the controls chosen and activates the operating phase on the sensor using the PC only to control the diagnostics.



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