



DATALOGIC - VISION ÉRZÉKELŐ DATAVS2 PRO

Kamera érzékelő

DATAVS2-16REPRO

Képérzékelő, 16 mm-es lencse, PRO, Vörös LED

- 360° minta felismerés / vezérlő vonalkódhoz, Datamatrix
- Memória 20 különböző vizsgálathoz
- 3 kimenet
- R232 interfész
- RS232 interfész



TERMÉKLEÍRÁS

A DataVS2 sorozatú vizuális érzékelők rugalmas megoldásokkal szolgálnak a gépek védelmének.

Az érzékelő optikával, vörös LED-világítással és elektronikával kompletten fel van szerelve. Az érzékelő paramétereit – Ethernet-kapcsolaton keresztül – PC-n állíthatók be. Az érzékelőhöz mellékelt szoftver lépésről lépésre végigvezeti a felhasználót a paraméterbeállítás folyamatán. A DataVS2 4 különböző verziókban kapható, különböző vezérlőeszközökkel.

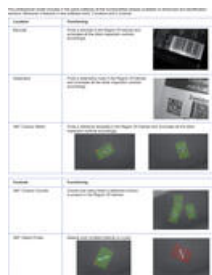
A PRO modellek alkalmasak az Advanced és ID modellek funkcióinak kezelésére is.

Az érzékelő 360°-os alakfelismerésre képes, és felismeri a vonalkódokat, adatmátrixokat és OCV-eket is. 5 új eszközt is tartalmaz: 3 helymeghatározót (vonalkód, adatmátrix és 360°-os kontúrillesztés)

és 2 vezérlőt: 360°-os kontúrszámláló, 360°-os hibakereső



VEZÉRLŐESZKÖZ



KIJELZÉSI MEZŐ

Kijelzési mező

Munkatávolság (mm)

Kijelzési mező (szélesség x magasság), mm

DATAVS2-16-DE-xxx

DATAVS2-12-DE-xxx

DATAVS2-08-DE-xxx

DATAVS2-06-DE-xxx

Digitális interfész	M12 4 pólusú Ethernet 10/100 Mbps
Elektromos csatlakozás	M12, 4 pólusú, D-kódolású, M12, 8 pólusú csatlakozó
Felbontás	640x480 (VGA)
Feszültségingadozás	1 Vpp max. világítással
Feszültségtűrés	10%
IP-osztály	IP50
Jelzés	4 LED
Képfriessítési frekvencia	60
Kilépés	3xPNP, RS232
Külső világítási interfész	Strobe jel (24 V PNP N.O)
Lencse anyaga	ABS műanyag
Max. felvett teljesítmény	0,1 A
Max. feszültség, DC	24 V
Max. kimeneti áram	0,1 A
Max. üzemi hőmérséklet	50 °C
Min. feszültség, DC	24 V
Min. üzemi hőmérséklet	-10 °C
Optika	16 mm integrált
Védőanyag	Alumínium

Control panel

Help online

Status bar

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 memorize 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.

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.

M12 4-pole Ethernet

1 = white/orange = RX+
2 = white/green = TX+
3 = orange = RX-
4 = green = TX-

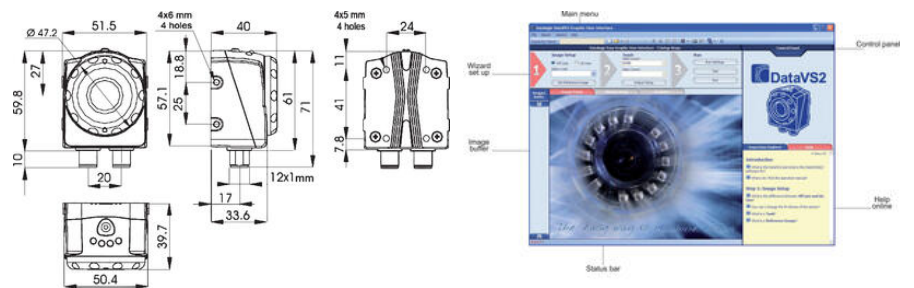
M12 8-pole (power supply and I/O)

OBJ and AOR models

1 = white = digital input 1
2 = brown = 24 VDC
3 = green = configurable output
4 = yellow = output 1
5 = grey = output 2
6 = pink = output 3
7 = blue = GND
8 = red = external trigger

80 and PRO models

1 = white = RS232 RX
2 = brown = 24 VDC
3 = green = configurable output
4 = yellow = output 1
5 = grey = output 2
6 = pink = RS232 TX
7 = blue = GND
8 = red = external trigger



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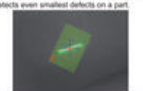
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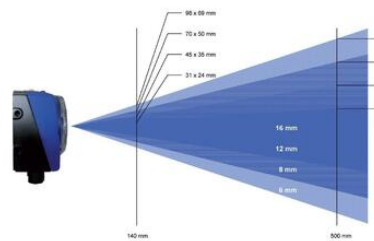
Step 3: Run



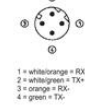
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M12 8-pole (power supply and I/O)

