

## KAMERA-ANTURI DATAVS2 REID

DATAVS2-06-REID  
Kamera-anturi, 6mm, ID

- Viivakoodin luku, Datamatrix ja OCV
- 20 eri tarkistusta
- 3 ulostuloa
- RS232 liitäntä



### TUOTEKUVAUS

Datalogicin DATAVS2 kamera-anturilla voidaan toteuttaa helposti ja nopeasti erilaisia konenäkösovellutuksia ja hahmontunnistuksia. DATAVS2 on itsenäinen kokonaisuus jossa integroituna punainen LED-valo, optiikka sekä elektroniikka. Anturi voidaan konfiguroida PC:llä Ethernet yhteyden kautta Datalogicin DataVS2 Graphic User Interface - ohjelmointi ohjelmalla tai erillisen VSM-näytön avulla. Anturin mukana tulee konfigurointiohjelma, jonka avulla asetusten määrittäminen etenee askeleittain.

DATAVS2 anturista on tarjolla neljä eri ohjelmistoversiota:

OBJ (Object Recognition) - sisältää 7 yleistä tunnistustyökalua joilla voidaan ratkaista suurin osa sovellutuksista.

AOR (Advanced Object Recognition) - sisältää OBJ-mallista löytyvien työkalujen lisäksi 360° hahmontunnistuksen, logiikkatyökalut ja tiedonsiirron Ethernetiin.

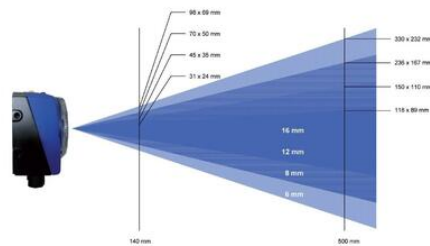
ID (Identification ID) - sisältää viivakoodin ja datamatriisin luennan sekä merkkien tarkastus.

PRO (Professional) - sisältää AOR- ja ID-mallien tunnistustyökalut.

### TEKNISET TIEDOT

IP-luokka	IP50
Jännitetoleranssi	10%
Kotelon materiaali	Alumiini
Käyttöliittymä/Rajapinta	Ethernet 10/100 Mbs (4-napainen M12 -liitin)
Liitäntätyyppi	D-koodattu M12-liitin, 4-napainen, M12-liitin, 8-napainen
Linssin materiaali	ABS-muovi
Lukunopeus	60
Max. jännite DC	24 V
Max. käyttölämpötila	50 °C
Max. ulostulovirta	0,1 A
Max. virrankulutus	0,1 A

<b>Min. jännite DC</b>	24 V
<b>Min. käyttölämpötila</b>	-10 °C
<b>Optiikka</b>	6 mm integroitu linssi
<b>Ulostulo</b>	3xPNP, RS232



M12 4-pole Ethernet



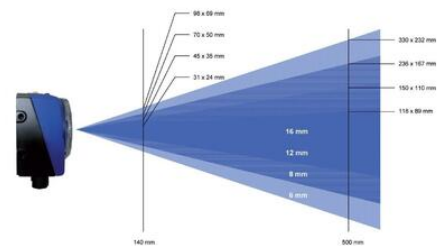
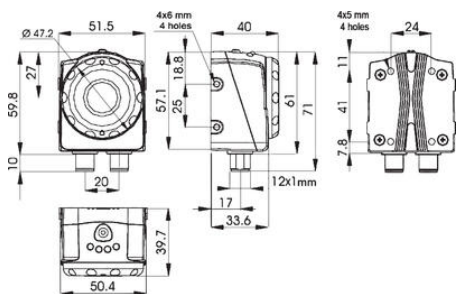
- 1 = white/orange = RX+
- 2 = white/green = TX+
- 3 = orange = EX-
- 4 = green = TX-

M12 8-pole (power supply and IO)



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|---------------------------------|---------------------------------|
| <b>OBJ and AOR models</b>       | <b>ID and PRO models</b>        |
| 1 = white = digital input 1     | 1 = white = RS232 RX            |
| 2 = brown = 24 VDC              | 2 = brown = 24 VDC              |
| 3 = green = configurable output | 3 = green = configurable output |
| 4 = yellow = output 1           | 4 = yellow = output 1           |
| 5 = grey = output 2             | 5 = grey = output 2             |
| 6 = pink = output 3             | 6 = pink = RS232 TX             |
| 7 = blue = GND                  | 7 = blue = GND                  |
| 8 = red = external trigger      | 8 = red = external trigger      |

- 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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