

IVU2PRG608

Image Processing – Grayscale Image Sensor



Technical data

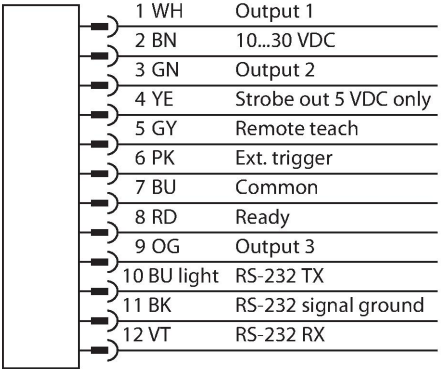
Type	IVU2PRG608
ID	3090931
Camera data	
Function	Gray value
Resolution	752 × 480 pixels
Light type	UV
Brennweite	6 mm
Special features	Wash down
Electrical data	
Operating voltage U_b	10...30 VDC
DC rated operating current I_o	≤ 1000 mA
Communication protocol	EtherNet/IP Modbus TCP PCCC PROFINET RS232
Mechanical data	
Design	Rectangular, iVu PLUS
Dimensions	51.5 x 81.2 x 95.3 mm
Housing material	Plastic, Thermoplastic material, Black
Window material	Acrylic, clear
Electrical connection	Connector, M12 × 1, 12-wire
Display	Remote
Ambient temperature	0...+50 °C
Protection class	IP67
Tests/approvals	
Approvals	CE



Features

- Second iVu generation
- Internal memory for 30 inspections
- 1/3" CMOS, 752x480 pixels
- Integrated ring light: UV light (365 nm)
- Protection class IP67
- External strobe output + 5 VDC
- External trigger input
- Lens, 8mm, M12x1
- External display RDM35 required
- Operating voltage 10...30 VDC
- M12 × 1 male, 12-pin
- 3 x programmable switching output (PNP/ NPN)
- 1 x RS232 data communication
- Ethernet via M8 x 1 male, 4-pin
- USB 2.0 host: M8 female, 4-pin
- Industrial Ethernet: PROFINET, Ether-Net/IP, Modbus/TCP, PCCC

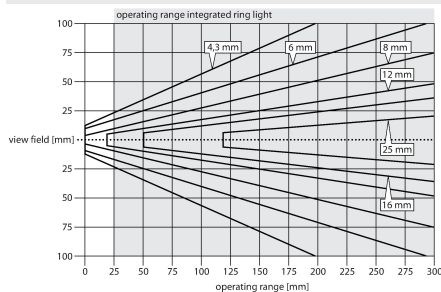
Wiring diagram



Functional principle

The second generation of the iVu-Plus offers the user advanced features and even more options in the selection of the inspections. The sensor is equipped with the same housing and

Mounting instructions/Description



Accessories

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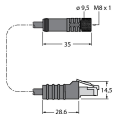
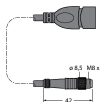
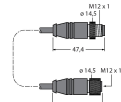
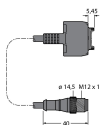
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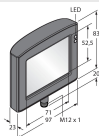
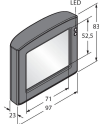
Technical drawing of a mechanical part (Fig. 1.10) showing dimensions and features. The part is a U-shaped bracket with a base and two vertical flanges. Dimensions include: overall width 61.2, base width 42, base height 30, flange height 54, flange thickness 6.25, and hole diameters $\varnothing 5.35$ (8x) and $\varnothing 25.4$.

Dimension drawing	Type	ID	
	IVUC-1206	3014407	Power supply, M12 × 1 female connector. 12-pin. cable length: 1.83 m



Dimension drawing	Type	ID	
	IVUC-E-406	3013892	Ethernet connection cable, M8 × 1 on RJ45, 4-pin, cable length: 2 m
	PSG-4M-401-USB	3011336	USB adapter cable, M8 × 1 male connector, 4-pin, cable length: 0.3 m
	IVURDM-QD-803	3028673	Extension cable for RDM35 remote display, M12 × 1, 8-pin, cable length: 0.91 m
	IVURD-MX-803	3011330	Extension cable for RD35 remote display, M12 × 1 to Molex, 8-pin, cable length: 0.91 m

Accessories

Dimension drawing	Type	ID	
	RDM35	3029512	Remote display 3.5" touch screen for device installation, connection via M12 plug connector, IVURDM-QD-8.. or IVURDM-QDK-8.. required
	RD35	3082646	Remote display 3.5", touch screen, connection via Molex integral connector, IVURD-MX-8.. or IVURD-MXK-8.. required