

iVu and iVu Plus with UV Ringlight



Simple, smart sensor coupled with UV illumination improves contrast in vision applications

Your Advantages:

- Enhances low contrast in UV fluorescent and non-fluorescent applications
- Ideal for applications in a variety of industries including food and beverage, pharmaceutical and medical, cosmetic, packaging, automotive, timber and textiles
- More versatile UV illumination solution for longer sensing ranges
- 2-dimensional area inspection versus single point inspection with UV photoelectric sensors
- LED UV light provides longer working life
- All-in-one vision sensor simplifies operation and provides easy replacement

Product Overview:

- Intuitive user interface for easy configuration without a PC or external controller
- UV 365 nm and 395 nm wavelength models available
- UV illumination available in all iVu models with features including MATCH, AREA, SORT, BLEMISH, BCR, Ethernet and others
- Tested to IEC 62471 Standard for eye safety
- IP67 housing

All-in-one UV vision inspections



Checking the integrity of tamper-evident seals by verifying both presence and correct position.



Sensing fluorescent markings for wood defects on timber material even at long sensing distances.



Verifying print in a low contrast application where the print color is similar to the background color.

40-plus years of sensor design experience, quality control, sales support and cost-effective solutions

- ▶ Banner quality products with global availability
- ▶ Rapid customization with most products shipping in 3 days or less
- ▶ Industry's largest force of application engineers to solve your toughest challenges
- ▶ More than 3,000 factory and local field representatives to serve you

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more sensors, more solutions

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iVu and iVu Plus with UV Ringlight, 10 to 30V dc

Family **iVu** Model **P TG** I/O **Blank** Ringlight **9** Lens **04**

Blank = iVu standard
P = iVu Plus

N = NPN (iVu)
P = PNP (iVu)
Blank = NPN/PNP selectable (iVu Plus)

6 = 365 nm UV
9 = 395 nm UV

04 = 4.3 mm
06 = 6 mm
08 = 8 mm
12 = 12 mm
16 = 16 mm
25 = 25 mm

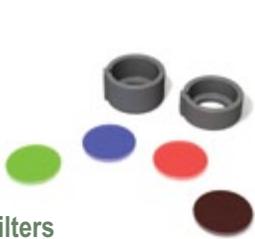
TG = Gray scale with integrated touch screen
RG = Gray scale with remote touch screen*
TB = Bar Code Reader (BCR) with integrated touch screen
RB = Bar Code Reader (BCR) with remote touch screen*

* Remote display RD35 is required for set up and viewing of sensors with a remote touch screen.



Remote Display Touch Screen

Models	Description
RD35	3.5" diagonal remote touch screen
SMBRD35	Mounting bracket for remote display
SMBKS	Swivel mounting platform for SMBRD35



Filters

Models	Description
FLTMI	Infrared (760 nm) Filter
FLTMB**	Blue (470 nm) Filter
FLTMG	Green (525 nm) Filter
FLTMR	Red (635 nm) Filter

** Blue filter included in standard UV models

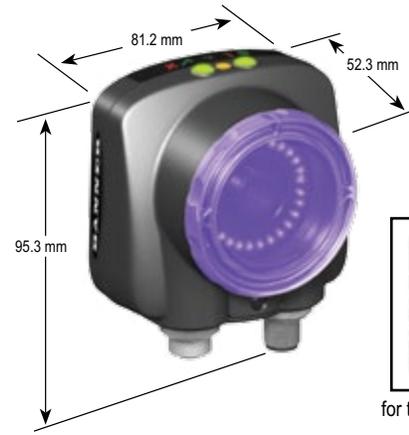
Lenses

Models	Description
LMF04	4.3 mm Lens
LMF06	6 mm Lens
LMF08	8 mm Lens
LMF12	12 mm Lens
LMF16	16 mm Lens
LMF25	25 mm Lens

Brackets

Models	Description	Models	Description
	SMBIVURAL Right-angle bracket for mounting sensor from left		SMBIVUB Bottom mounting bracket
	SMBIVURAR Right-angle bracket for mounting sensor from right		SMBIVUU U-shaped swivel bracket kit (includes SMBIVUB)

Dimensions



for technical information

Remote Display Accessory Kits†

(Includes corsdet, SMBRD35 bracket/docking station, stylus and hardware)

Description	Models	Length
	IVURD-MXK-803	1 m
	IVURD-MXK-806	2 m
	IVURD-MXK-815	5 m
	IVURD-MXK-830	9 m
	IVURD-MXK-850	16 m

† SMBRD35 bracket/docking station and cordsets are sold individually, contact factory at 1-888-373-6767 for model numbers.

Ethernet Communication Cordsets

Description	Models	Length
	IVUC-E-406	2 m
	IVUC-E-415	5 m
	IVUC-E-430	9 m
	IVUC-E-450	16 m
	IVUC-E-475	23 m

Power, I/O and Serial Cordsets

Description	Models*	Length
	For use with iVu TG only 8-Pin M12/Euro-style QD, straight with open shield (female)	MQDC2S-806 2 m
		MQDC2S-815 5 m
		MQDC2S-830 9 m
		MQDC2S-850 16 m
	For use with all other models 12-Pin M12/Euro-style QD, straight with open shield (female) (for CE compliance)	MQDC2S-1206 2 m
	MQDC2S-1215 5 m	
	MQDC2S-1230 9 m	
	MQDC2S-1250 16 m	

* For a right-angle cordset, add RA to model number (example, MQDC2S-1206).

USB Cordsets

Description	Models	Length
	PSG-4M-4005-USB	0.15 m
	PSG-4M-401-USB	0.30 m
	PSG-4M-403-USB	0.90 m
	PSG-4M-410-USB	3 m