

iVu Image Sensor Touch Screen Bar Code Reader



iVu Image Sensor Solves Complex Bar Code Reading Applications.

The iVu Bar Code Reader (BCR) reads eleven industry-standard bar codes to facilitate advanced traceability—a critical strategy for ensuring the highest product quality in packaging, material handling, automotive, pharmaceutical and many industrial applications. The iVu BCR, with an integrated or remote touch screen, and intuitive interface allows users to efficiently configure, monitor and modify an inspection without a PC or external controller.

- ▶ First-time users can have it up and running in minutes, without training.
- ▶ Using the touch screen and intuitive interface, inspection parameters are easily configured and quickly deployable without a PC or external controller.
- ▶ Intuitive functions allow inspections to be applied and staff-supported right on the factory floor.
- ▶ Sensor is available with a remote touch screen for setup and inspection monitoring when the sensor is difficult to access.
- ▶ Software emulator lets users perfect their application and preload parameters offline.
- ▶ Sensor will read up to ten bar codes and a variety of bar code types at one time.
- ▶ Compact, rugged IP67-rated housing is available with or without an integrated ring light.
- ▶ RS-232 serial communication port is provided for exporting bar code data.
- ▶ Three different trigger modes are available to determine how the sensor captures and processes images.

High-performance reading of industry standard bar codes

Reads and compares 1D and 2D bar codes in all industries

- ▶ Data Matrix (ECC 200)
- ▶ Code 128
- ▶ Code 39
- ▶ Codabar
- ▶ Interleaved 2 of 5
- ▶ EAN-13
- ▶ EAN-8
- ▶ UPCE
- ▶ Postnet
- ▶ IMB
- ▶ Pharmacode



*Integrated Touch
Screen Models*

*Touch Screen
for Remote Monitoring*

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iVu Bar Code Reader (BCR) Sensor, 10 to 30V dc

Bar Code Sensors

IVU

RB

TB = Integrated Touch Screen
RB = Remote Touch Screen*

*Remote display RD35 is required for set up and viewing of sensors with a remote touch screen. Display and cordsets are ordered separately.

I/O

N

N = NPN (Sinking)
P = PNP (Sourcing)

Ring Light

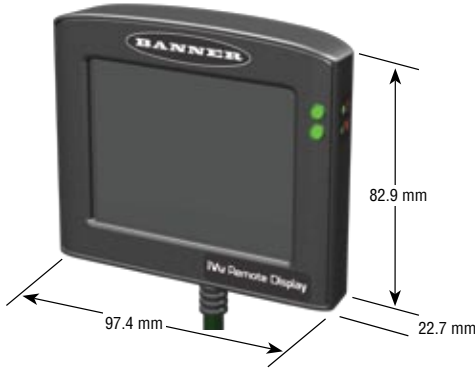
R

R = Red
W = White
I = Infrared
X = No Light

Lens

08

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



Remote Display Touch Screen





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



Lenses and Filters

Models	Description	Models	Description
LMF04	4.3 mm Lens	FLTMI	Infrared (760 nm) Filter
LMF06	6 mm Lens	FLTMB	Blue (470 nm) Filter
LMF08	8 mm Lens	FLTMG	Green (525 nm) Filter
LMF12	12 mm Lens	FLTMR	Red (635 nm) Filter
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




Remote Display Accessory Kits[†]

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

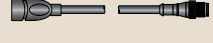

Description	Models	Length
	IVURD-MXK-803	1 m
	IVURD-MXK-806	2 m
	IVURD-MXK-815	5 m
	IVURD-MXK-830	9 m
	IVURD-MXK-850	16 m

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

Power, I/O and Serial Cordsets

Description	Models	Length
	MQDC2S-1206	2 m
	MQDC2S-1215	5 m
	MQDC2S-1230	9 m
	MQDC2S-1250	16 m
	MQDC2S-1275	23 m

USB Cordsets

Description	Models	Length
 Use with: Integrated touch screen models	MQDEC-8005-USB	0.15 m
	MQDEC-801-USB	0.30 m
	MQDEC-803-USB	0.90 m
	MQDEC-810-USB	3 m
 Use with: Remote touch screen models	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

For a right-angle cordset, add **RA to model number (example, **MQDEC-8005RA-USB**).

Banner Engineering Corp.

www.bannerengineering.com

9714 Tenth Avenue North • Minneapolis, Minnesota 55441 • (763) 544-3164 • Fax: (763) 544-3213

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