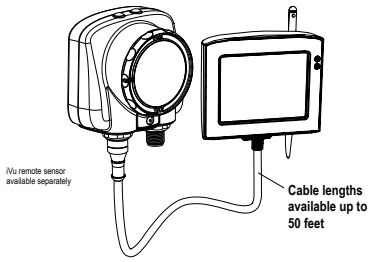
iVu Handheld Remote Display

For use with iVu Remote Series Sensors

Features



- 89 mm (3.5 in) diagonal color LCD flat-panel touch screen display
- Connects directly to an iVu Remote Series sensor
- Five cordset lengths available, ordered separately
- Provides remote viewing of the iVu sensor image and user interface
- Exceptionally wide viewing angle—60 degrees left and 60 degrees right; 50 degrees up, and 55 degrees down
- Small and lightweight display unit with an ergonomic shape that fits comfortably in the hand
- Two LEDs provide feedback on the remote sensor operation—one for Power/Error, and the other indicating inspection Pass/Fail
- Can be safely disconnected and reconnected to a live sensor
- Mounting bracket and stylus included with cordset kit (ordered separately)

Models

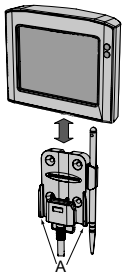
Model	Description
RD35	89 mm (3.5 in) Diagonal Handheld Remote Touch Screen

Using the iVu Handheld Remote Display with iVu Sensors

The iVu Handheld Remote Display is used to setup iVu models that do not have integrated touch-screen displays. The Hand Held Remote Display was designed to be used in applications where the Remote Display will be disconnected from the sensor after programming - it is not intended to be used as a monitoring device.

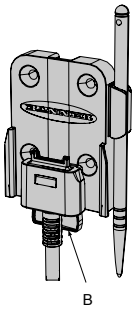
For applications that require a permanently mounted display, Banner recommends using the RDM35 model of the iVu sensors.

- A single Handheld Remote Display can be moved from one docking station to another. To set up an iVu sensor, slide the handheld remote display onto its docking station tracks (**A**) until the connector at the bottom of the display engages the docking station cable. The display will immediately be operational.



NOTE: The docking station and stylus are included with the Remote Display cable.

- The iVu Handheld Remote Display has a cable directly connecting it to an iVu sensor. To remove the cable along with the display from a docking station, push the cable release tab (**B**) and slide the display up and off of the docking station.



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Specifications

Screen Size
3.5 in. diagonal

LCD Aspect Ratio
4:3

Display Resolution
320 x 240 RGB

Viewing Angle
60 degrees left, and 60 degrees right; 50 degrees up, and 55 degrees down

Housing Material
Polycarbonate

Bracket Material
Delrin

Stylus
Delrin

Display Weight
4.8 oz

Bracket with Stylus Weight
1.1 oz

Connection
Molex HandyLink connector

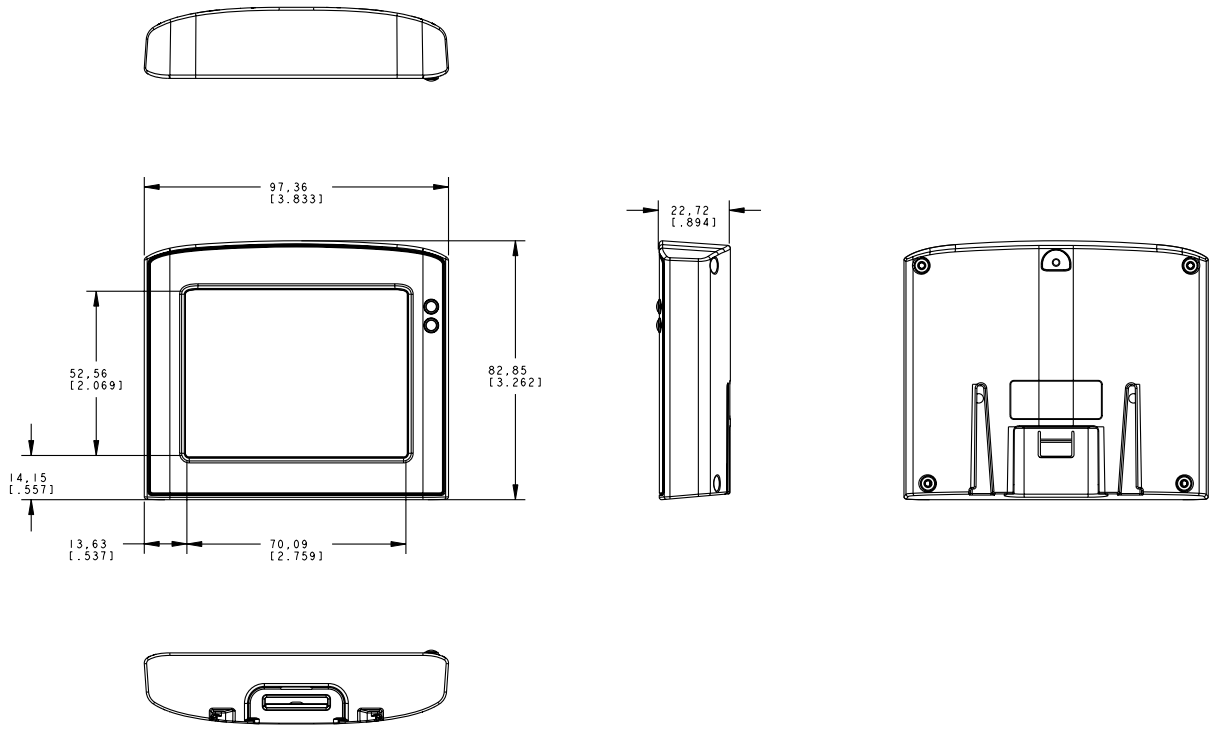
Operating Temperature
0° to 50° C (32° to 122° F)

Environmental Rating
IEC60529

Certifications
CE

Dimensions

All measurements in mm (in).



Accessories

Cordsets

Table 1: Cordsets

Model	Length	Description
IVURD-MX-803	0.91 m (3 ft)	8-pin cable, straight, M12-Molex
IVURD-MX-806	1.83 m (6 ft)	8-pin cable, straight, M12-Molex
IVURD-MX-815	4.57 m (15 ft)	8-pin cable, straight, M12-Molex
IVURD-MX-830	9.14 m (30 ft)	8-pin cable, straight, M12-Molex
IVURD-MX-850	15.2 m (50 ft)	8-pin cable, straight, M12-Molex
IVURD-MX-803RA	0.91m (3 ft)	8-pin cable, right-angle, M12-Molex
IVURD-MX-806RA	1.83m (6 ft)	8-pin cable, right-angle, M12-Molex
IVURD-MX-815RA	4.57m (15 ft)	8-pin cable, right-angle, M12-Molex
IVURD-MX-830RA	9.14m (30 ft)	8-pin cable, right-angle, M12-Molex
IVURD-MX-850RA	15.2m (50 ft)	8-pin cable, right-angle, M12-Molex

Table 2: Kits

Model	Length	Description
IVURD-MXK-803	0.91 m (3 ft)	8-pin cable, straight, M12-Molex Mounting Bracket (SMBRD35) Stylus
IVURD-MXK-806	1.83 m (6 ft)	8-pin cable, straight, M12-Molex Mounting Bracket (SMBRD35) Stylus
IVURD-MXK-815	4.57 m (15 ft)	8-pin cable, straight, M12-Molex Mounting Bracket (SMBRD35) Stylus
IVURD-MXK-830	9.14 m (30 ft)	8-pin cable, straight, M12-Molex Mounting Bracket (SMBRD35) Stylus
IVURD-MXK-850	15.2 m (50 ft)	8-pin cable, straight, M12-Molex Mounting Bracket (SMBRD35) Stylus
IVURD-MXK-803RA	0.91m (3 ft)	8-pin cable, right-angle, M12-Molex Mounting Bracket (SMBRD35) Stylus
IVURD-MXK-806RA	1.83m (6 ft)	8-pin cable, right-angle, M12-Molex Mounting Bracket (SMBRD35) Stylus
IVURD-MXK-815RA	4.57m (15 ft)	8-pin cable, right-angle, M12-Molex Mounting Bracket (SMBRD35) Stylus
IVURD-MXK-830RA	9.14m (30 ft)	8-pin cable, right-angle, M12-Molex Mounting Bracket (SMBRD35) Stylus
IVURD-MXK-850RA	15.2m (50 ft)	8-pin cable, right-angle, M12-Molex Mounting Bracket (SMBRD35) Stylus

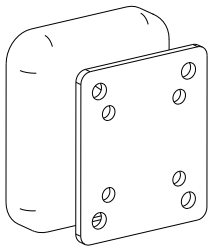
NOTE: All cable kits include a bracket/docking station and stylus.

Docking Station Bracket/Docking Station Mounts (Optional)

The bracket/docking station comes with mounting hardware to mount directly to a wall. This is a rigid mount. To get some degree of tilt and rotation, attach the bracket/docking station to a knuckle swivel (SMBKS shown), and mount this assembly to a wall.

SMBKS

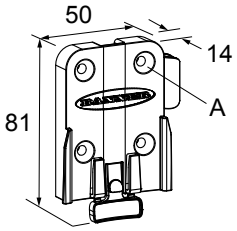
- Knuckle swivel has an AMPS mounting pattern
- Provides 30° tilt of the remote display in any direction with 360° rotation
- Mounting platform extends 1.5 in. from base of mount.
- Mounting hardware included
- Works only with SMBRD35



SMBRD35

- Docking station
- Works with SMBKS

Hole size: A = ø 2.3



Alternatively, the back of the bracket/docking station has a 1/4-20 insert so that the Remote Display can mount on one of the knuckles listed.

Model	Description	
SMBPPK3	76 mm (3 in) Column, Base, and Knuckle Kit	
SMBPPK6	152 mm (6 in) Column, Base, and Knuckle Kit	
SMBPPK	Mounting Bracket Knuckle	
SMBPPKE3	Mounting Bracket Knuckle 76 mm (3 in) Extension	
SMBPPKE6	Mounting Bracket Knuckle 152 mm (6 in) Extension	
SMBPPKB	Mounting Bracket Base	
SMBPPLK	51 mm (2 in) Mounting Knuckle Assembly	

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