iVu Series C-Mount Lens Enclosure

Datasheet

Supports standard C-mount lenses



- Mounts directly to iVu, iVu Color and iVu BCR C-mount lens models to create an IP67 device
- Rugged, waterproof housing, rated IEC IP67
- Available in long or short versions for varying lens and spacer configurations

WARNING:

- **Do not use this device for personnel protection**
- Using this device for personnel protection could result in serious injury or death.
- This device does not include the self-checking redundant circuitry necessary to allow its use in personnel safety applications. A device failure or malfunction can cause either an energized (on) or de-energized (off) output condition.

C-Mount Lens Enclosure Models

Model	Description
IVUSLC50-P	Sealed C-mount lens enclosure
IVUSLC75-P	

Specifications

Construction
Housing: ABS
Window: Acrylic

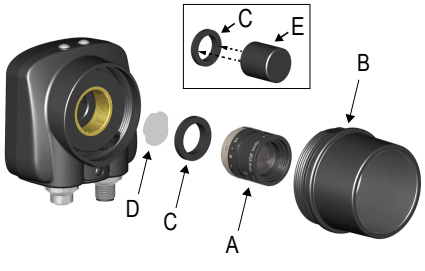
Environmental Rating
IEC IP67 when installed on iVu C-Mount devices

Outside Dimensions
IVUSLC50-P: 54 mm diameter by 33 mm long overall (2.13 in inches diameter by 1.30 inches long)
IVUSLC75-P: 54 mm diameter by 60 mm long overall (2.13 inches diameter by 2.36 inches long)

Installing the Lens Enclosure

Before installing this lens enclosure, Banner recommends that a light filter be installed behind the lens. The filter improves image quality by reducing unwanted ambient light.

1. Install and focus the lens.
2. Thread on lens enclosure until it is seated against the sensor. Take care not to over tighten.



A C-Mount Lens
B Lens Enclosure
C Retainer Ring
D Filter
E Filter Retainer Ring Tool

Note: Filter kits are available separately.

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