



## 12MP 10-50mm lens

# User Manual

## L16



Rev. 220930

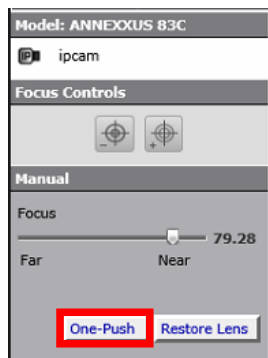
Thank you for purchasing i3 International's L16 12MP 10-55mm long range lens. L16 is compatible with i3's box cameras: Ax63C, Ax83C, H59. Suitable for the installations where long shot is required for the objects are far away from the camera.

## INSTALLATION

1. Remove the protective cap from the back of the lens.
2. Attach the lens to the box camera.
3. Connect the Auto Iris cable to the side of the box camera.
4. Use the thumb screws to loosen the TELE and/or FAR adjustment rings. Adjust to achieve desired image, then re-tighten the thumb screws to secure the lens setting.
5. To fine-tune lens focus, use the ABF function in the camera's Web GUI.

### a. Ax63C / Ax83C:

Open Internet Explorer and go to the camera's IP and login using camera admin credentials.  
On the main screen, click the **One-Push** button for perfect focus.



### b. H59C:

Open the web browser and go to the camera's IP and login using camera admin credentials.  
Go to Config > Image > Zoom/Focus.  
Click the **One Key Focus** button for perfect focus.



## COMPATIBLE CAMERAS

Ax63C – 3MP Box Camera  
Ax83C – 8MP Box Camera

H59C – 2MP Box LPR



## COMPATIBLE HOUSING

i3-6801HB – Aluminum IP67 housing with heater and blower.



## SPECIFICATION

|                         |                                   |
|-------------------------|-----------------------------------|
| Focal length            | 10-50 mm                          |
| F-stop                  | 1.2                               |
| Max. Image format       | Ø 9.2mm (1/1.7")                  |
| Mount                   | CS Mount                          |
| Flange Back Length      | 12.5 mm                           |
| Minimum Object Distance | 1 ft (0.3 m)                      |
| <b>Control</b>          |                                   |
| Iris                    | DC Auto Iris                      |
| Focus                   | Manual                            |
| Zoom                    | Manual                            |
| <b>Field of View</b>    |                                   |
| Horizontal              | 39.8°~9.4°                        |
| Vertical                | 29.4°~7.1°                        |
| Diagonal                | 50.4°~11.8°                       |
| <b>Mechanism</b>        |                                   |
| Weight                  | 1.03 lb (470.1 g)                 |
| Dimensions              | Ø 2.2" x 4.34" (56 mm x 110.46mm) |
| Operating Temperature   | -4°F - 140°F (-20°C - 60°C)       |
| <b>Warranty</b>         |                                   |
| Warranty                | 5 year parts                      |

Scan this QR code or visit [ftp.i3international.com](http://ftp.i3international.com) for **Annexus Configuration Tool (ACT)** installation and additional documentation.

Contact our Technical Support team at:  
**1.877.877.7241** or [support@i3international.com](mailto:support@i3international.com) if you have any questions or concerns regarding camera installation or if you require software services or support.



ACT Download & Documentation