



This sheet will guide you through the process of installing the IQB9 camera into the H100-POE housing. There are two types of installations; one for a camera with an integral lens and one for a camera with no lens and a lens will be installed onto the camera. This process assumes you have the proper components and hardware for the installation.

This system should only be installed by a qualified technician using common hand tools and approved materials in accordance with the National Electrical Code ANSI/NFPA 70, state and local wiring codes. It would be convenient to have the camera manual and the housing manual available as reference if needed.

## Installation

### Camera with Integral Lens

1. Open the camera housing using the Allen key provided. The housing will have a small day/night mode board pre-mounted into the housing.
2. Remove the front cap on the camera by loosening the thumbscrew to expose the lens.
3. Remove the camera mounting plate from the H100-POE housing by removing the four (4) screws.
4. Mount the camera to the mounting plate through the slot in the plate using the ¼-20 screw and washer provided. The camera has two mounting holes. Be sure to orient the camera correctly so that the notch for the thumbscrew is on the top; otherwise the video will be upside-down. The mounting plate should abut the indentation on the camera's body.
5. Insert the camera mounting assembly into the housing, nosing the camera end in first towards the window; the camera lens should be as close to the window as possible. Secure the mounting plate assembly back into the housing using the previously removed screws and washers provided.
6. Proceed to Wiring section.

### Camera without Lens

1. Open the camera housing using the Allen key provided. The housing will have a small day/night mode board pre-mounted into the housing.
2. Install the lens onto the camera according to instructions for the lens and/or camera.
3. Remove the camera mounting plate from the H100-POE housing by removing the four (4) screws.
4. Mounting the camera to the mounting plate requires using a spacer plate. Be sure to orient the spacer with the first guide pin facing the back of the camera. Mount the camera to the mounting plate through the slot in the plate using the ¼-20 screw and washer provided. Be sure the camera is at the wider end of the mounting plate. The camera has two mounting holes. Be sure to orient the camera correctly so that the lens connector is on top; otherwise the video will be upside-down. The mounting plate should abut the indentation on the camera's body.
5. Insert the camera mounting assembly into the housing, nosing the camera end in first towards the window; the camera lens should be as close to the window as possible. Secure the mounting plate assembly back into the housing using the previously removed screws and washers provided.
6. Proceed to Wiring section.

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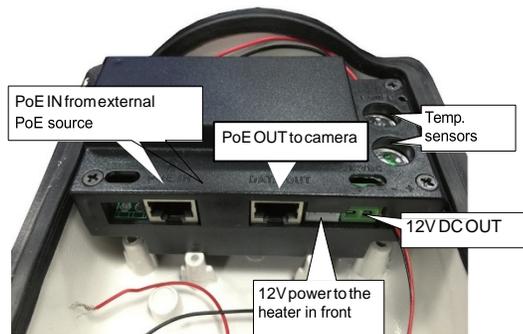
## Wiring

Once the camera is secured into the housing, the wiring is done.

1. Locate the white and green wires that are on the small day/night mode board mounted in the housing.
2. The white wire is Alarm In and the green wire is GND (ground; be sure to use the GND for the ALM connection). Insert the pre-tinned wires into the correct round hole on the push-in terminal connector of the camera. Refer to figure below. The square hole is used to release the wire if necessary with the tool provided with the camera.



3. Connect one end of the 1 foot CAT5 cable provided into the RJ-45 connector on the camera and the other into the RJ-45 connector in the housing.



## Camera Setup

1. From the camera setup screen, advanced menu, be sure to set the Day Night Settings Mode to *day on trigger open*; the default is auto.

