

# A-BK550HB Black & White Camera/Housing Kit

## ASSEMBLY INSTRUCTIONS

### Assembly Contents

The A-BK550HB Camera/Housing assembly contains the following items:

- BW-CLH housing with black/white camera and 1/3" VF 5-60mm DC AI lens installed.
- A-CS161 light duty wall mount bracket
- A-A30C cable, 100ft, RJ11 connections
- 24V 40A Power Supply
- 18AWG, jacketed, stranded, wire (100 ft)
- Manuals/specs for individual components

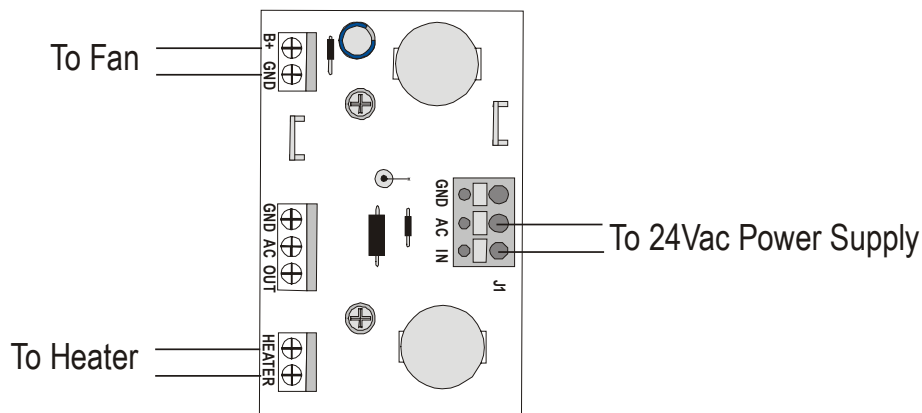
**NOTE:** Observation monitor not included.

### Housing Installation

1. Identify the location where the camera/housing assembly will be installed. Attach the A-CS161 wall mount bracket to the designated location using the hardware supplied with the housing.
2. Install the BW-CLH housing to the wall mount bracket.
3. Open the lid on the housing by unlatching the clips on the side of the unit. Remove the packing material surrounding the camera and discard.

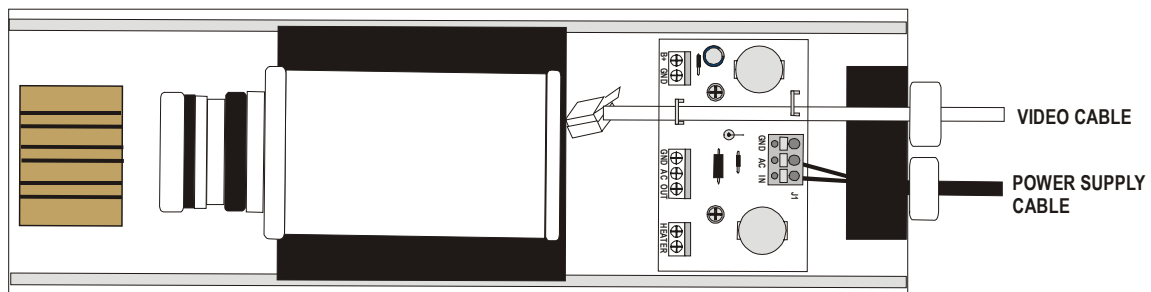
### Power Supply Connection

4. Run the power supply cable from the housing to the location of the outlet where the power supply will be plugged into.
5. Strip the ends of the power supply cable and attach one end to the power supply.
6. Insert the other end of the power supply cable going to the housing into the weatherproof gland closest to the latch side of the housing.
7. Connect the power supply wires to the push terminals on the PCB labeled J1 as shown in the following figure.



## Video Connection

8. Run the 100 ft video cable between the monitor to be used with the system and the camera/housing assembly.  
**NOTE:** *The length can be extended by connecting additional cables in lengths of 50ft, 100ft, 200ft, or 300ft.*
9. At the back of the monitor, connect the video cable to one of the camera input connectors.
10. At the back of the housing, insert the other end of the video cable into the weatherproof gland closest to the hinged side of the cover.
11. Inside the housing, connect the video cable to the "Monitor" connection on the back of the camera.
12. Dress excess camera cable wiring in a manner as shown in the following figure and tighten the weatherproof gland by turning them clockwise until tight.



## Picture Adjustment

13. Turn on the observation monitor and verify the position and focus of the camera. Make minor adjustments in focus or camera position as necessary.
14. Close the housing cover and secure the latches.