

Overhead Directional Camera

Installation Instructions

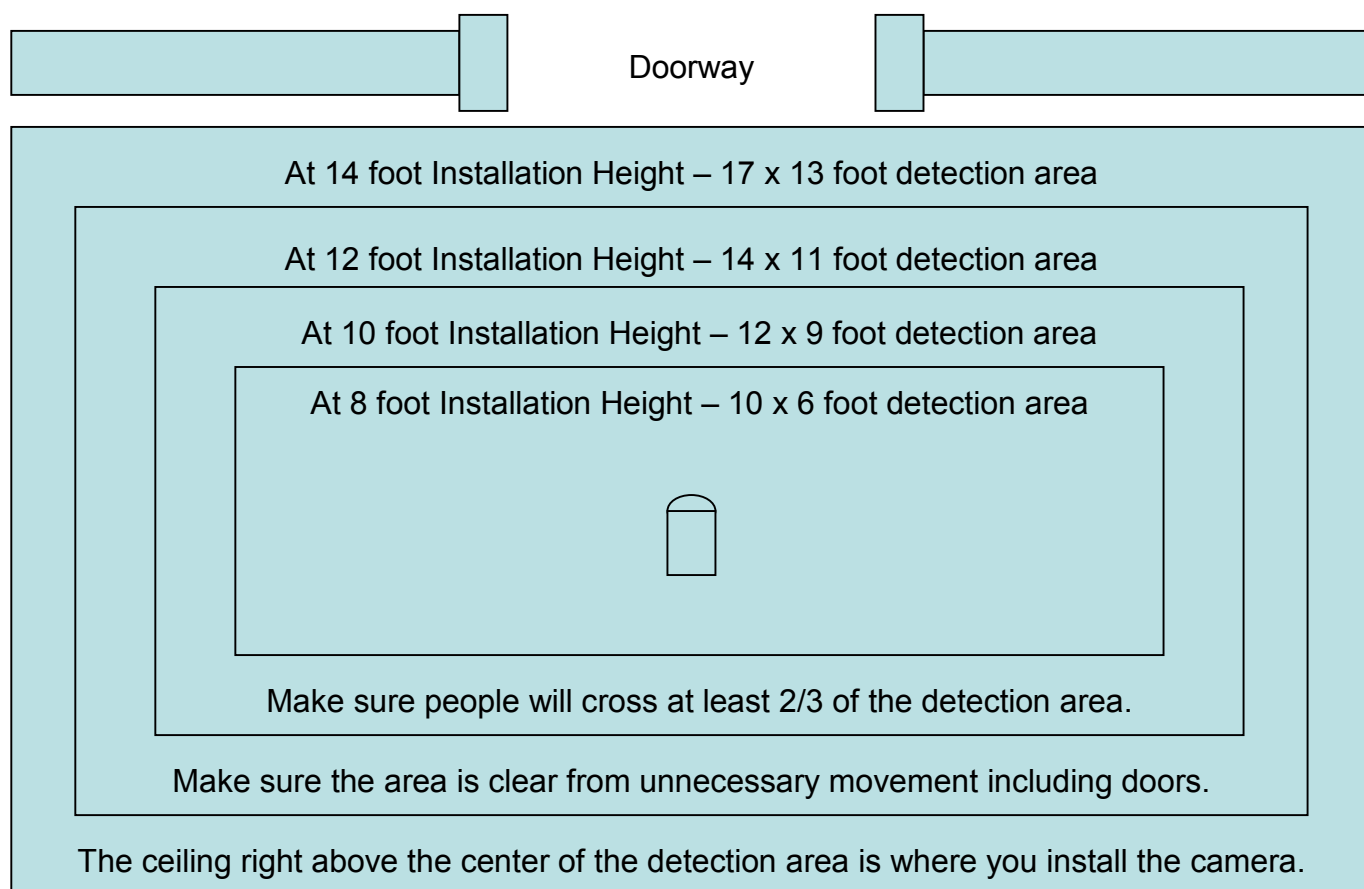
Part # = W-006

The W-006 Overhead Directional Camera is a people counter that integrates the digital image from a CMOS color video camera with a unique object motion detection algorithm to distinguish and count entry and exit traffic. Entry and Exit counts are displayed on the re-settable six digit counter.

Recommended Installation Conditions

- Install the camera in an area with illumination intensity between 7 LUX to 3,000 LUX.
- Install the camera at a ceiling height from 8 to 14 feet above the floor.
- For best performance, install the camera parallel to the floor. Adjust the camera angle by a maximum of ± 20 degrees only when absolutely necessary.
- Place the camera so no other objects (door) move in the detection area.
- Indoor use only.
- Do not install the camera facing into sunlight or other bright lights.

Installation Height and Detection Area



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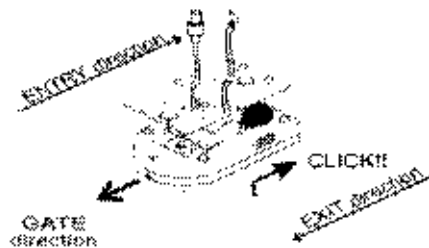
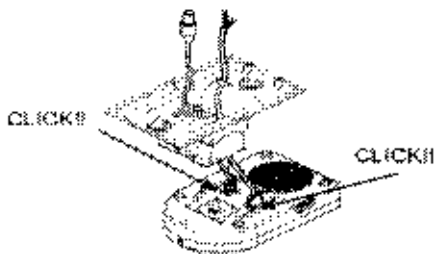
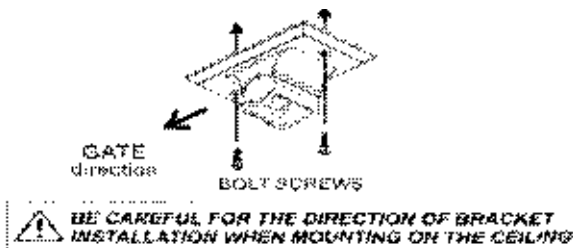
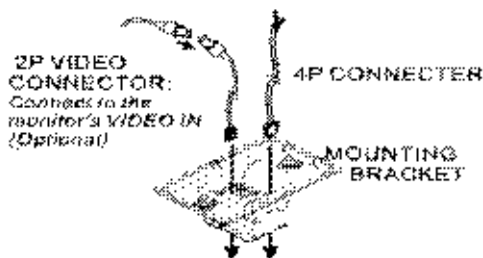
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Installation of Camera

Step 1 – Select the installation position using the installation height/detection area diagram on the previous page.

Step 2 – Pass the 4-pin connector and video connector through the holes in the mounting bracket. You can connect the video connector to your monitor if desired.

Step 3 – Secure the mounting bracket being careful to direct the GATE to the direction of the doorway.



Step 4 – Connect the 4-pin connector and video connector to the camera by snapping them into place.

Step 5 – Secure the Mounting Bracket and Camera by sliding the unit into the guide rails of the bracket. Make sure the round part of the camera is facing the door.

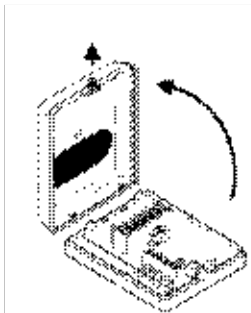
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Installation of Display

Step 1 – Open the front panel of the Display shifting the screw at the bottom of the unit.



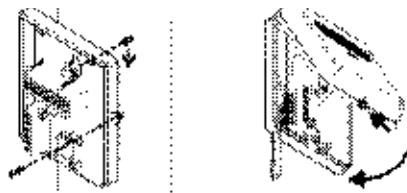
Step 2 – Using the 6-ft power cord with the in-line switch, connect the pre-stripped wires to the 12 V AC 20 VA transformer terminals. Strip the insulation on the opposite ends of the wires and insert into the terminals on the Display marked AC 12V INPUT.



Step 3 – Refer to the Wiring Diagram and connect the end of the 4-pin connector cable to the terminals on the Display.

WARNING: DO NOT PLUG THE TRANSFORMER INTO THE AC OUTLET AT THIS TIME.

Step 4 – Remove the tab for the wire through-hole on the bottom of the Display, if necessary to arrange the wires. Secure the Display to the mounting position. Close the cover and secure it with the screw.



Turn on and Test the System

Plug the AC Transformer into an AC outlet and turn the in-line switch to ON. Make sure the red LED of the Camera and the LED of the Display is on. Check the wiring and power source if the LEDs are not on. Walk across the detection area and see if the Display count increases.

Warning: Please install the Display close to the Camera so that the wire length between the two units does not exceed 300 feet. AWG # 20 or larger gage wire is required for connections over 300 feet. For additional extensions of power cords, use only wires of AWG # 22 or larger.

Count Reset

The Count Reset button is through the pin hole on the bottom of the Display unit. Please use a paperclip or similar object placed inside the pin hole to press the reset button.