



300 Series Bullet  
HD Analog Surveillance Camera

A large, light blue graphic of a spiral or swirl, starting from the center and expanding outwards, occupies the lower half of the page. It is positioned behind the main title text.

**Installation &  
Operation  
Manual**

## Installation

Before you start, ensure that the device is in good condition and all the assembly parts are included.

- Make sure that all equipment is powered off during installation.
- Ensure the wall is strong enough to hold three times the weight of the camera and the mount.
- If the mounting surface is cement, use the included expansion screws to install the camera. If mounting to a wood surface, use self-tapping wood screws (not included) to secure the camera.
- If the product does not function properly, please contact technical support. Do not disassemble the camera for repair or maintenance.

## Wiring Advisory

We recommend installing this 300-series camera using RG-59 or RG-6 cabling with two-wire power (either regular or siamese). This provides better performance over distance than using traditional category cable with baluns.

For more details on the cameras or cables, see the product page at [SnapAV.com](http://SnapAV.com).

## Box Contents

- Camera
- Self-adhesive mounting template
- 4 x wall anchors with screws
- 3mm hex wrench
- CC tester cable

## Required Equipment

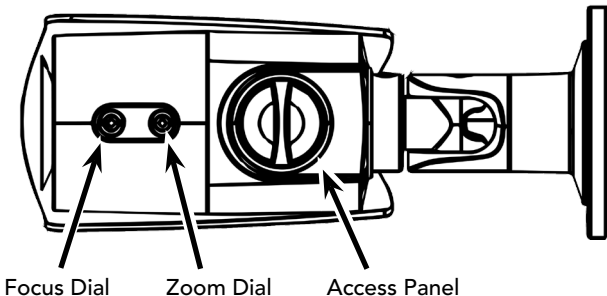
Aside from the contents of this box, you will need to provide:

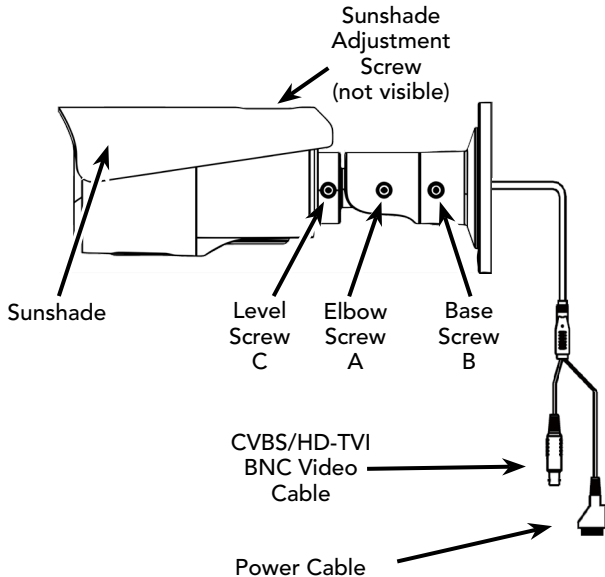
- Phillips screwdriver
- Power source: 12V DC
- CC-TV tester (recommended)

## Overview

Before installing, familiarize yourself with the parts of your camera.

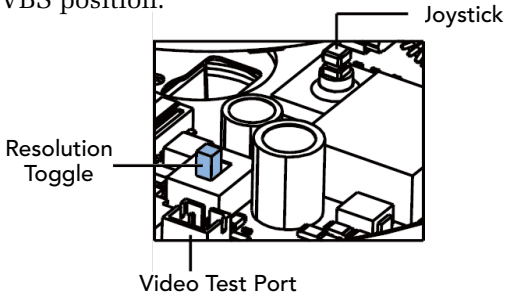
This camera has several special features shown here:





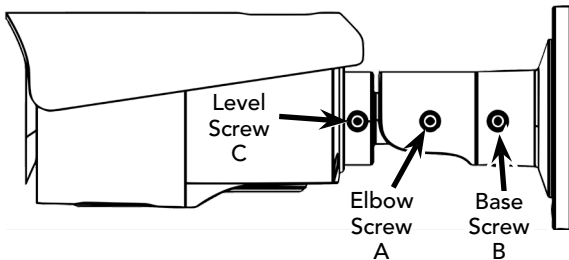
## Prepare for Installation

1. Drill a cable hole and pilot holes for your screws in the ceiling, using the supplied template.
2. If you are installing a 300-series camera in an older system that doesn't support HD-TVI, unscrew the access panel cap and flip the camera's resolution toggle, shown below, to the CVBS position.



## Install the Camera

3. Attach the base of the camera to the ceiling and secure it with screws.
4. Route the cables through the cable hole.
5. This camera has an elbow joint flanked by two rotational joints for perfect pan and tilt control. Loosen the three hex screws in the camera. Adjust the angle of the elbow as desired, and tighten the elbow hex screw, A.



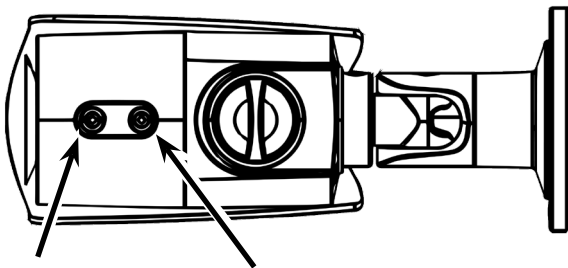


6. Rotate the camera so that it faces in the proper direction, and tighten the base screw, B. Finally, spin the camera casing so that the picture is level, and tighten the level hex screw, C.
7. Connect the power and video cables.

## Adjust the Camera

1. Adjust or remove the sunshade. You can slide the shade back and forth by loosening the screw slightly; tighten when finished. You can remove the shade by removing the screw, then removing the shade; then replacing the screw when finished.

2. Adjust the camera's zoom and focus by adjusting the dials at the front of the camera using a screwdriver. On the front (focus) screw, F and N stand for far and near, respectively. On the rear (zoom) screw, T and W stand for wide angle and telephoto.



Clockwise: focus near  
Counterclockwise:  
focus far

Clockwise: wide-angle  
Counterclockwise: telephoto

## Support

If you need help, email [support@SnapAV.com](mailto:support@SnapAV.com). For information, instructional videos, support documentation, or ideas, visit our website.

### 5-Year Limited Warranty

This Luma Surveillance™ product has a 5-Year Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products that have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to a designated service center with an assigned return authorization (RA) number. Contact technical support for an RA number.

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Version 150902-1151