

# Analog Cameras

## Vari-Focal Camera Specifications

Vari-Focal Cameras have the functionality of having a manually adjustable zoom and focus.

SONY EFFIO-E CCD Sensor 650TVL Vari-focal Vandal proof Dome Audio Camera with 100' IR Night Vision

SKU#: CM-S23809BK-AD



Price: \$129.75

Availability: In stock.

Listing Price: \$185.00

Save: (30%) \$55.25

Quantity:

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Overview

Specifications

Technical Data Sheet

Model	CM-S23809BK-AD - Color IR Dome Camera
Image Sensor	1/3" Color CCD
Effective Pixels	NTSC: 768 (H) x 494 (V)
Focal Lens	4-9mm
Infrared Irradiation Distance	36 Ultra Strong Infrared LEDs- Visible up to 100 ft (30m)
Minimum Illumination	0 Lux (IR On)
Horizontal Resolution	650 TV-Lines
Audio	Built-in
S/N Ratio	> 48dB
Operation Temperature	-25°F~122°F / -32°C ~50°C

Vari-Focal cameras are recommended for installers who need to pinpoint an exact area that needs surveillance-- such as a cash register or an entrance to a parking garage.

Vari-Focal cameras can only be adjusted manually, there is no option to adjust the focus and zoom of the vari-focal camera remotely or from the DVR.

Out of the box, vari-focal cameras are typically un-focused and need to be focused during installation.

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## How do I adjust the zoom and focus?

- Some dome vari-focal cameras have a labeled "Zoom" and "Focus" screw pin on the outside of the camera. Locate these pins to adjust focus and zoom.
- Some dome vari-focal cameras need to be opened in order to adjust focus and zoom. The following is an image of a typical dome vari-focal camera.

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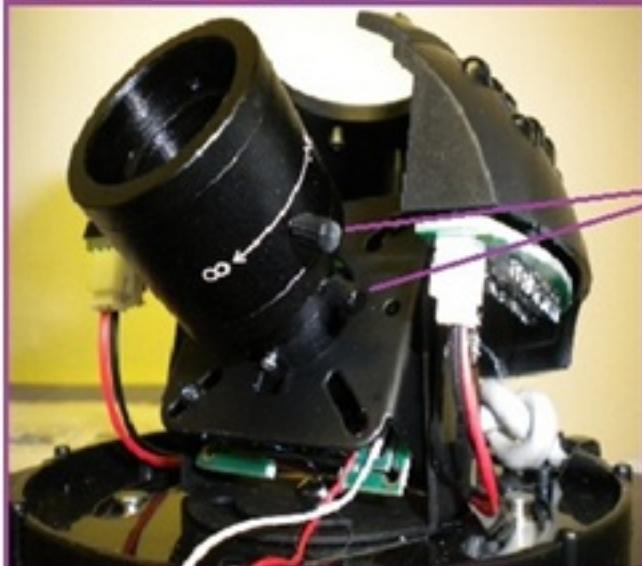


To remove the clear plastic dome cover, simply anchor the bottom plate of the camera and gently twist the white plastic section counter-clockwise.



Removing the clear plastic dome cover will reveal the LED IR light board and the camera's chipset.

The LED IR light board and the camera's chipset rest on two different axis.' Pull the LED IR light board back on its axis to fully reveal the camera's chipset.



Once the camera's chipset is revealed, you can adjust the focus and the zoom by turning the two small black knobs that are directly attached to the lens.

- Bullet vari-focal cameras have two pins in the back of the camera that are usually covered by a threaded seal. The following image is the current CM-S23349SV vari-focal camera.

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