

CA SERIES WEDGE CAMERA

Camera Minimum Specifications

- Resolution: 650 TV lines
- Light sensitivity: 0.1 lux at F1.2
0.00 lux with IR illumination (included on some models)
- Day/night function: Auto switches to B&W at low illumination
- Imager: 1/3" Sony CCD
- Infrared illuminators: 18 high efficiency illuminators
- Automatic electronic iris: 1/60-1/100,000 sec
- Signal to noise ratio: Greater than 48 dB
- Video output: 1 VP-P/75 Ohms
- Lenses supported: 2.9 mm, 3.6 mm, 6.0 mm, 16 mm and 25 mm
- Warranty: 3 years

Mechanical Specifications

- The wedge camera must have dimensions no larger than 3.45 x 5.16 x 3 inches (88 x 131 x 77 mm).
- The wedge camera must use 4 captive locking screws to fasten the housing.
- The wedge camera must use 3 screws to mount the camera to its installation surface. The mounting screws must be external to the volume housing the electronics of the camera.
- The wedge camera must be flush mountable to the mounting surface, such that the electrical cable connecting the wedge camera to the recorder remains concealed.
- The wedge camera must have an adjustable lens bracket with 350 degree rotate, 15 degree pan and 30 degree tilt.
- The wedge camera must have the ability to conceal the internal electronics from outside view.
- The wedge camera must have the following mechanical specifications:
 - Weight: 1.2 lb. (550 g)
 - Housing material: solid aluminum alloy, powder coated
 - Mounting options: ceiling, header or surface, no brackets required

Electrical Specifications

- The wedge camera must have a built-in regulated power supply.
- The wedge camera must have backlight compensation control that can be turned ON or OFF in order to compensate the exposure of the camera for strongly backlit scenes.
- The wedge camera must have a second video-out for local monitoring of the video during setup and installation.
- The wedge camera must have a single connector for power, video and audio.
- Power consumption: 7W (max.)
- Input voltage: 10 to 17 VDC

Environmental Specifications

- Operating temp. range: -40°F to 140°F (-40° C to 60°C)
- Environmental rating: IP67

The camera must be a Seon CA Series mobile wedge camera or an approved equal.

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