

SQ SERIES MOBILE IR CAMERA

Camera Minimum Specifications

- Resolution: 540 TV lines
- Light sensitivity: 0.1 lux at F2.0
0.00 lux with IR illumination
- Day/Night Function: Auto switches to B&W at low illumination
- Imager: 1/3" Sony CCD
- Infrared Illuminators: 12 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
- Warranty: 3 years

Audio Minimum Specifications

- Audio output: Line level
- Sensitivity level: -45 dB (ref 1 V p-p)
- Frequency response: 200 Hz - 5 KHz (filtered to improve voice quality)
- Sensitivity: Sensitivity adjustable

Mechanical Specifications

- The dome camera must have dimensions no larger than 3.1 x 3.6 x 3.6 inch (78 x 93 x 93 mm).
- The dome camera must use a single secured locking screw.
- The dome camera must be flush mountable to the mounting surface, such that the electrical cable connecting the dome camera to the recorder remains concealed.
- The dome camera must have an adjustable lens bracket with 360 degree pan and 90 degree tilt.
- The dome camera must have the ability to conceal the internal electronics from outside view.
- The dome camera must have the following mechanical specifications:
- Weight: 0.75 lb. (341 g)
- Dome Material: Hard-coated polycarbonate
- Housing Material: Die cast aluminum
- Mounting Options: Ceiling, Header or Surface, no brackets required

Electrical Specifications

- The dome camera must have a built-in regulated power supply.
- The dome camera must have a single connector for power, video and audio.
- Current consumption: 290 mA @ 12 VDC (IR on)
140 mA @ 12 VDC (IR off)
- Input voltage: 11 to 17 VDC

Environmental Specifications

- Operating temp. range: -4°F to 140°F (-20° C to 60°C)
- Environmental rating: IP54

The camera must be a Seon SQ Series mobile IR camera or an approved equal.

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