

SV-830 Series Day/Night Camera



The SV-830 dome and wedge cameras are compact mobile-rated cameras that mount easily in a variety of orientations. You can rely on this day/night camera to provide the clearest image possible, even in dim conditions.

SPECIFICATIONS

SV-830 Dome/Wedge Camera

Image Sensor	Standard: 1/4-inch color Sony® CCD Standard (CMOS): 1/4-inch color Micron® CMOS High Resolution: 1/3-inch color Sony CCD
Signal Format	NTSC Standard/ PAL
Lens Focal Length	2.6 / 4 / 6 / 8 mm
Minimum Illumination	0 Lux (0.5 Lux CMOS)
IR Illumination	High-intensity IRs
Synchronization	Internal
Resolution	Standard: 420 TV Lines High Resolution: > 500 TV Lines
Picture Elements NTSC/PAL	Standard: 510 (H) x 492 (V) / 500 (H) x 582 (V) Standard (CMOS): 656 (H) x 492 (V) High Resolution: 768 (H) x 480 (V) / 768 (H) x 576 (V)
Signal-to-Noise Ratio	> 48 dB
Power Supply	12V DC
Power Consumption	2.5W
Operating Temperature	-22°F ~ 158°F (-30°C ~ 70°C)
Audio	2V Peak to Peak at 94 dBA

Complete Versatility

The SV-830 Series Day/Night Camera can be configured to suit your needs. Available options include dome, interior wedge, and exterior wedge enclosures to install the SV-830 in a variety of environments and positions.

Multiple Focal Lengths

Additionally, four lens focal lengths are available to provide the optimal viewing angle for your application.

Designed for Compatibility

The SV-830 series cameras utilize standard Safety Vision connectors for use with any of Safety Vision's MDVR models.

Enhanced Image Quality

The SV-835 series cameras provide an upgraded high resolution image sensor for incredibly detailed images.

Features

- IR LEDs provide outstanding night performance
- Camera pans and tilts for accurate positioning
- Hardware locks securely on all movements
- IP 65 rating protects camera for use outside or inside the vehicle (Wedge only)
- Camera rotates at least +/- 15 degree for off-angle mounting flexibility (Wedge only)
- Camera rotates 90 degrees to support side or top mounting flexibility (Wedge only)





Interior Dome Enclosure



Interior Wedge Enclosure



Exterior Wedge Enclosure

SV-830 Series Options

Use the following to determine the SV-830 series model camera that fits your needs.

Image Sensor

Select from:

- Standard Resolution (CMOS)
- Standard Resolution (CCD)
- High Resolution

Focal Length

Select from:

- 2.6 millimeters
- 4 millimeters
- 6 millimeters
- 8 millimeters

Enclosure

Select from:

- Interior Dome
- Interior Wedge
- Exterior Wedge

The SV-830 series cameras can be ordered in the PAL format.

Architecture and Engineering Specifications

The full color camera shall be a Safety Vision [dome / wedge] model SV-830. The camera shall incorporate a [1/4-inch / 1/3-inch] color [Sony CCD / Micron CMOS] image sensor. The camera shall produce a signal in the [NTSC / PAL] format. The lens focal length shall be [2.6 / 4 / 6 / 8] millimeters. The camera shall operate in [0 / 0.5] Lux conditions. The camera shall incorporate high intensity infrared illumination. The camera shall incorporate internal synchronization. The camera shall have a resolution of 420 TV lines. The camera shall output [510 x 492 / 500 x 582 / 656 x 492 / 768 x 480 / 768 x 576] picture elements. The camera shall possess a signal-to-noise ratio of greater than 48 decibels with an audio option. The camera shall require a regulated 12 volt direct current power supply. The camera shall consume less than or equal to 2.5 watts of power. The camera shall operate between -22 and 158 degrees Fahrenheit (between -30 and 70 degrees Celsius).

CORPORATE HEADQUARTERS

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