

CB126 & CB126-FLUSH BACKUP SENSORS



Left to right:
CB126 sensors (bracket mount), Control box,
and CB126-FLUSH sensors (flush mount)

Safety Vision's CB126 and CB126-FLUSH Backup Sensors enhance the functionality of a standard rear vision camera and monitor system by providing on-screen visual as well as audio indicators of obstructions approaching the rear of the vehicle. The backup sensors are automatic – the driver never forgets to turn them on – increasing safety and integrating seamlessly into normal vehicle operation.

SPECIFICATIONS

Part Nos. SV-CB126 and SV-CB126-FLUSH

| | |
|-----------------------|------------------------------|
| Detection range | 0 ~ 7.9ft (0 ~ 2.4m) |
| IP Rating | IP68 |
| Ultrasonic Frequency | 58KHz +/- 2KHz |
| Tone Frequency | 1000Hz +/- 200Hz |
| Current Consumption | 300mA (max) |
| Ultrasonic frequency | 40kHz |
| Operation Voltage | 10 ~ 32V DC |
| Operating Temperature | (-4°F ~ 158°F) -20°C ~ 70°C |
| Storage Temperature | (-40°F ~ 185°F) -40°C ~ 85°C |

Please discuss our installation, training, extended warranty, spare-in-the-air, and onsite service options with your mobile video solutions specialist!

Two Mounting Options

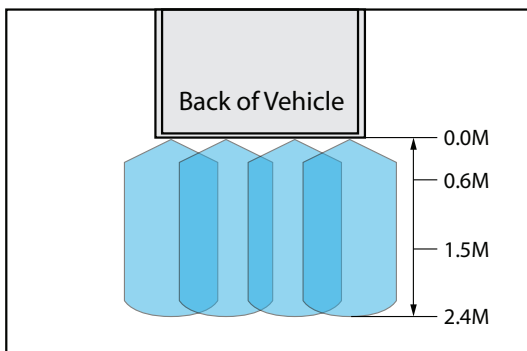
The CB126's are available in a bracket mount, often used when sensors are suspended beneath a vehicle's bumper. Or, a "flush" mounted sensor option is available. The CB126-FLUSH allows customers to cleanly embed the sensors directly within a vehicle's bumper.

Distance Detection

When the CB126 Backup Sensor detects an object, it provides feedback displayed on a Safety Vision collision avoidance monitor. As seen below, the number of arrows that appear indicate the proximity of an object. An audio tone also sounds, alerting the driver even if he is not looking at the monitor.

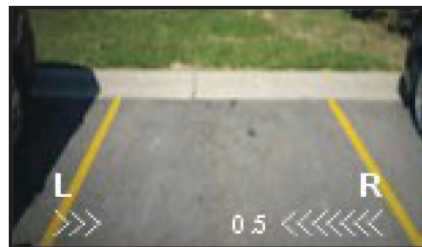
Advanced Learning Function

Once installed, the CB126's can be calibrated to account for a variety of different objects attached to the rear of the vehicle, such as spare tires, tow hooks, trailer hitches, and other equipment. Both the sensitivity of the sensors and the volume of the audio tone can be adjusted for a completely custom installation.



| Distance | Alarm Sound |
|----------------------|--------------------|
| 0.0-2.0ft (0.0-0.6m) | Constant beep |
| 2.3-4.9ft (0.7-1.5m) | 4 beeps per second |
| 5.2-7.9ft (1.6-2.4m) | 1 beep per second |

On-Screen Display with Distance indicator



Arrows indicate closeness of the object
"0.5" is the distance (in meters) the object is from the vehicle)

| Number of Arrows | Distance |
|------------------|----------------------|
| 7 | 0.0-2.0ft (0.0-0.6m) |
| 5 | 2.3-4.9ft (0.7-1.5m) |
| 3 | 5.2-7.9ft (1.6-2.4m) |