

Hawkeye

INTERMOTIVE
VEHICLE
CONTROLS

An ISO 9001:2015 Registered Company

Hawkeye™

Front/Rear Object Detection System
with Camera Option

Overview

- Alerts the driver with both visual and audible warnings of an object in the front or rear of the vehicle
- Displays distance and location of the object being detected
- Contains up to eight ultrasonic sensors mounted in the front and rear bumpers
- Available with or without camera/LCD display
- Provides multiple viewing options with coinciding quadrants on the LCD display
- Interfaces with vehicle CAN network to read chassis signals for automatic activation

Features

- The system automatically activates when the vehicle is stopped (foot on brake and transmission in drive) or when the vehicle is in reverse
- Object detection distance range is 4 to 10 feet based on the density of the object
- Audible rate pulses more rapidly as object gets closer
- Camera can be manually activated at any time



Camera and LCD display option



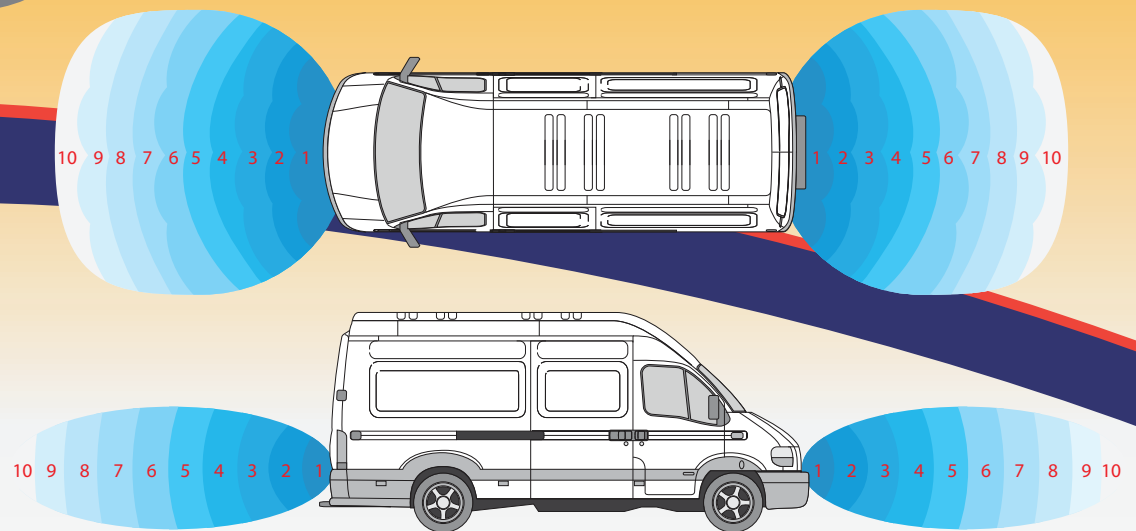
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Details

Product features may vary by make, model or year. See instructions for complete details.



CAMERA SPECIFICATIONS

Resolution	>480 TVL 270,000 pixels
Viewing Angle	120 degrees (results may vary depending on installation)
Insulation Resistance (IR)	18 high output IR LEDs, 30' range
Microphone	Integrated SNR (sensor dynamic range) greater than 48 dB
Operating Temperature	-25°C to 70°C
Dimensions	3" L x 2.5" W x 2" H (with adjustable mounting bracket)

LCD DISPLAY SPECIFICATIONS

Display Screen Ratio	Color, 480x320 16:9
Camera Inputs	Up to four (left, right, front, rear)
Screen Dim	Night/Day button
Speaker	Built in, 8Ω impedance
Operating Temperature	-20°C to 65°C
Dimensions	7" L x 5" W x 1" H (with adjustable mounting bracket)