

Collision Avoidance Camera System



Description:

This 2-channel collision avoidance system is suitable for any commercial or industrial use. It supports two cameras for a convenient view of your most critical blind spots for safer maneuvering. System activates when vehicle is placed in reverse or when monitor is manually turned on.

The RVM27 LCD color monitor offers 2 camera inputs with switchable full-screen views to supply a visual aid of a single blind spot. This compact 7-inch monitor takes up minimal space and can be mounted overhead or elsewhere in the vehicle cabin, console, including on the floor, with optional floor mount. Additional features include an integrated speaker, built-in control box, electronic distance grid, LED backlight and mounting bracket.

The RVC236VI camera has a rugged die-cast metal enclosure suitable for most exterior vehicle environments. With its built-in microphone, people behind the vehicle can communicate directly with the operator alerting them to possible hazards. The camera's infrared illuminators automatically activate as needed providing you with optimal image quality in low or no light conditions.

CMK-RV27 kit is a feature rich product that creates a collision avoidance system that enhances overall safety.

RVM27 Monitor Power

Power Consumption: 3-5W

Power Supply: 9-36VDC

Monitor Parameters

Size: 7" Diagonal

Resolution: 1024RGB(h) x 600(v)

Aspect ratio: 16:9

Contrast: 350:1

Luminance: 500 cd/m

Video input: 2 Channels, with trigger wire

Camera compatibility: CVBS / 720P / 1080P

Control: Buttons / Remote Control

Working Temperature: -4°F ~ 140°F

Dimensions: 7.13" W x 4.96"H x 3.43" D

RVC236VI Camera Power

Power Consumption: 180mA (IR ON) 70mA (IR off)

Power Supply: 12V DC ± 10%

Camera Parameters

Sensor: 1/3" Progressive CMOS

Resolution: NTSC: 1080p Resolution

Minimum Illumination: Color 0.1lux/F2.0 B/W 0.01lux@Ir On

Viewing Angle: 120°

Ingress Protection Rating: IP67, shock resistant

S/N: ≥46db

Electronic Shutter: Auto

White Balance Mode: Auto

Color to Black: EXT

Gamma Correction: 0.45

Optical Lens

Lens: 2.8mm

Audio/Video Encode

Audio: Yes (support band-pass filter)

Video Output: AHD standard output

IR: 8 IR LEDs IR distance 5 meters

General Information

Working Temperature: -4°F ~ 122°F