

CAM-09



## IP67 Post-Mount Camera User Manual



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## Introduction

Thank you for purchasing your EchoMaster automotive camera.

The following part numbers are supported:

- ▶ CAM-09B-P ▶ CAM-09B-N
- ▶ CAM-09W-P ▶ CAM-09W-N

EchoMaster cameras are designed to improve safety during driving by providing high quality images of surrounding areas and obstacles in the vicinity of the vehicle. They will also improve vehicle maneuvering capability by displaying blind spots not normally visible to the driver.

Please ensure you read and understand all aspects of this manual before fitting or using your EchoMaster Camera. Choose a suitable mounting place dependent on the application. Ensure that there are no wiring harnesses or hoses/pipes located behind this panel before drilling.

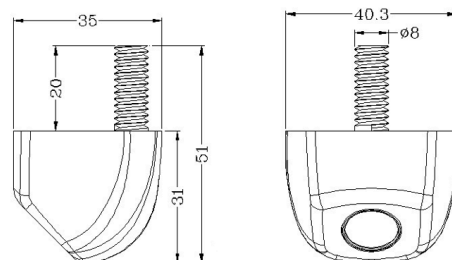
## Key Features

- ▶ 1/4" CMOS Sensor
- ▶ Operates at 1 LUX
- ▶ IP67 Rated
- ▶ 160 Degree Viewing Angle

## Box Contents

- ▶ Camera
- ▶ Manual
- ▶ Mounting Hardware
- ▶ Wiring Harness

## Dimensions



## Specifications

	CAM-09B-P   CAM-09B-N CAM-09W-P   CAM-09W-N	
<b>Sensor Type</b>	1/4" CMOS	
<b>LEDs</b>	0	
<b>Illumination</b>	1 LUX	
<b>Viewing Angle</b>	160 degrees	
<b>Mirror Image</b>	YES	
<b>Normal View</b>	No	
<b>Water/Debris-Proof</b>	IP67	
<b>Audio</b>	NO	
<b>Power Supply</b>	12V DC	
<b>Current</b>	<120mA	
<b>Working Temperature</b>	-20°C - +50°C	
<b>Dimensions (mm)</b>	D (31) x W (41) x H (35)	
<b>System</b>	PAL	NTSC
<b>TV Lines</b>	420	N/A
<b>Resolution</b>	648 x 488	N/A

## Wiring Diagram & Pin Out

