



## CHMSL Camera for Silverado/Sierra



## Introduction

Thank you for purchasing your EchoMaster Pro automotive camera.

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.

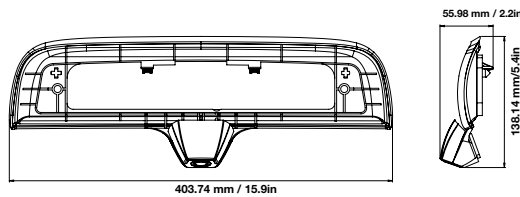
## Key Features

- ▶ 1/4" CMOS Sensor
- ▶ Operates at 0.1 LUX
- ▶ IP67 water/debris proof rating
- ▶ 75° Viewing Angle

## Box Contents

- ▶ Camera (with bracket)
- ▶ Install Guide
- ▶ Extension Cable (dependent on application)
  - RCA/Universal
  - 6 Pin GM Connector
  - 8 Pin GM Connector

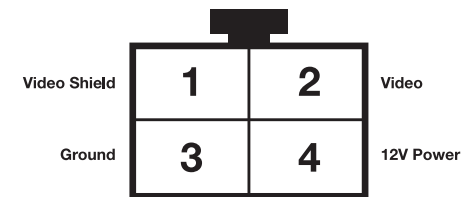
## Dimensions (mm/in)



## Specifications

	PCAM-CHMSL
<b>Sensor</b>	1/4" CMOS
<b>TV System</b>	NTSC
<b>Effective Pixels</b>	648H x 488V
<b>Resolution</b>	480 TVL
<b>S/N Ratio</b>	46dB
<b>Video Output</b>	1.0Vp-p at 75ohm
<b>Minimum Illumination</b>	0.1LUX
<b>Angle</b>	H: 75°
	V: 58°
<b>Power Supply</b>	12V(DC)
<b>Current consumption</b>	MAX: 80mA
<b>Power Supply</b>	DC 9-16V
<b>Working Temperature</b>	-30C - +70C
<b>Storage Temperature</b>	-40C - +85C
<b>Operating Humidity</b>	90 % RH
<b>IP rating</b>	IP67

## Wiring Diagram & Pin Out



\*\*\*Connector viewed from wire side\*\*\*

