

**AHD TOTALVIEW MONITOR  
USER GUIDE**

**SAFETY  
VISION<sup>®</sup>**

# AHD TOTALVIEW MONITOR USER GUIDE

## Important Notices

**Title:** AHD TotalView Monitor User Guide

**Document Version:** 1

**Revision:** 0

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## Features

- 7 inch wide LCD display screen
- Backup camera display
- 4-way video inputs
- 2-way audio inputs
- Adjustable back up guide lines
- Automatic brightness adjustment
- Built-in speaker, support volume adjustment
- Trigger wires for reverse, left turn, and right turn
- Channel switch among HD1, HD2, HD3, HD4

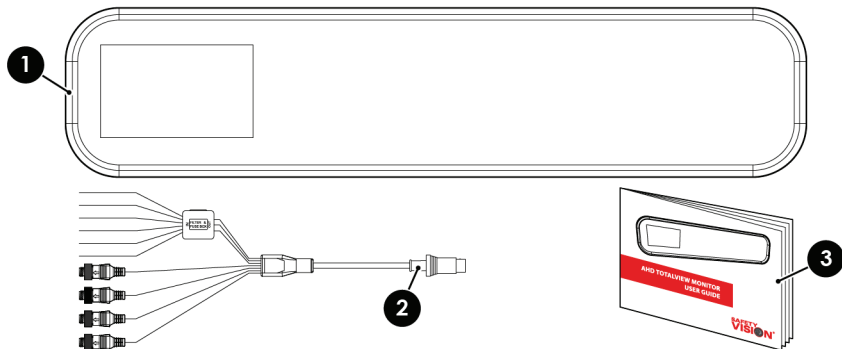
## Specifications

- **Screen size:** 7"
- **Aspect resolution:** 800(H) × 480(V)
- **Working temperature:** -4° F ~ 149° F  
(-20° C ~ 65° C)
- **Display screen:** TFT-LCD
- **Working voltage:** DC 10V-DC 16V
- **Signal format:** AHD 1080p, 30fps

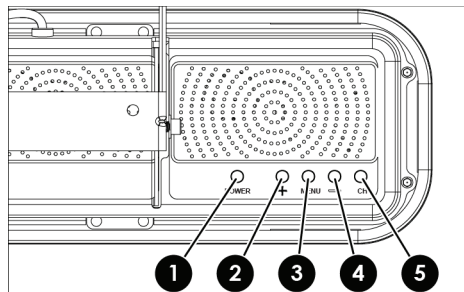
## Box Contents

The box contains the following:

- 1 - SV-TVM-AHD rear view mirror monitor
- 2 - Wire harness
- 3 - User manual



## Buttons



**1 - Power** - Turn on /off screen

**2 - " + "** - Parameter up

**3 - MENU** - In non-trigger state, short press to freely switch among **PICTURE**, **SETTING**, and **SYSTEM** options. In reversing state, long press to enter into the interface for adjusting the grid line.

**4 - " - "** - Parameter down

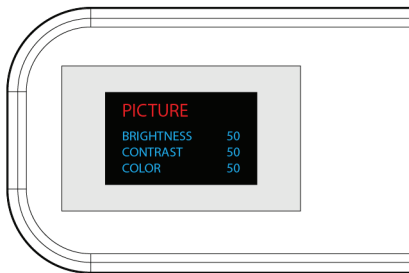
**5 - CH** - When no menu appears, the key function will work as a video switch button. It can be used to switch between 4 channels **ONLY** if no triggers are connected. When menu appears, this button is the selection button for menu.

## Menu Setting

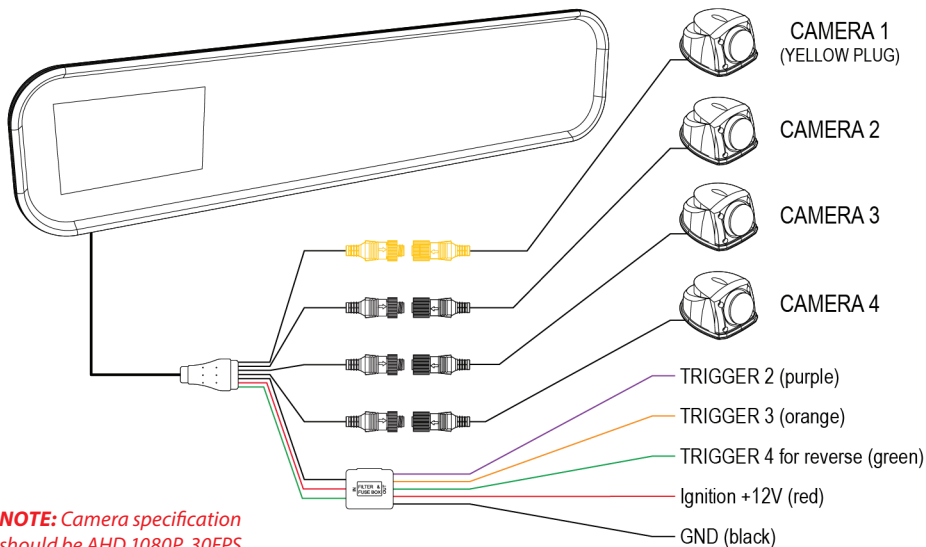
In the non-trigger state, short press **MENU** to switch between **PICTURE**, **SYSTEM**, **SETTING** menu options or exit out of a menu option.

In the **PICTURE**, **SYSTEM**, and **SETTING** menus:

- Press **CH** to switch among options
- Press **+** or **-** to change the value of each setting



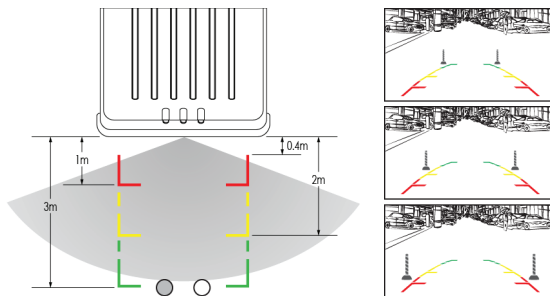
## Wiring



**NOTE:** Camera specification should be AHD 1080P, 30FPS.

## Adjustable Guide Lines

The SV-TVM-AHD is equipped with adjustable guide lines that should be set accurately at the time of installation. These guide lines are used to assist the driver in estimating the distance from obstacles when parking.



There are three lines for reference — **red**, **yellow**, and **green**. These three lines are displayed on the mirror monitor when the vehicle is shifted into reverse. The lines should be adjusted vertically as follows (*distances are given from the rear of vehicle*):

- **Red line:** Starts at 3\* feet
- **Yellow line:** Starts at 6\* feet
- **Green line:** Starts at 9\* feet

Lines should be adjusted to be 6\* inches wider than the vehicle on either side to assist with parking.

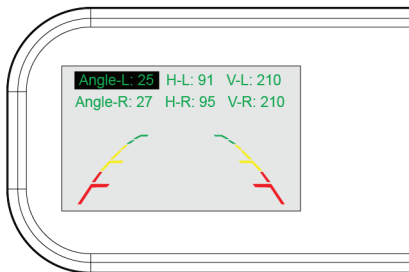
*\* Given distances are approximate*



In some applications the camera will be mounted off-center. The SV-TVM-AHD allows for adjustment for the position of the cameras and the width of the vehicle. Initially adjusting the guide lines correctly will ensure the driver is viewing an accurate representation of the environment behind them.

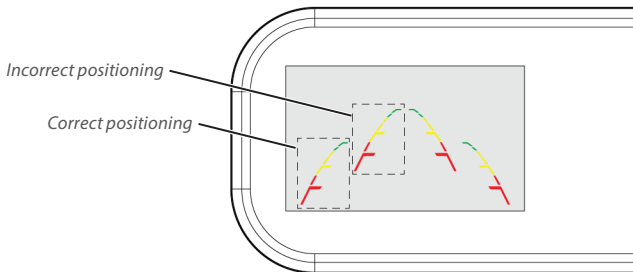
## Adjusting the guide lines

By placing reference items (e.g. traffic cones) behind the vehicle that the recommended distances (3\*, 6\*, and 9\* feet), adjusting the guide lines can be done quickly and easily.



1. Long press **MENU** to enter the guide line adjustment mode.

**Note:** The system is defaulted to adjust left guide line first.



2. Use the + and - keys to rotate the left guide line counterclockwise and clockwise.
3. Short press the **MENU** key to switch to the next selection.
4. Press the +, -, **CH**, and **POWER** buttons to adjust the left guide line **up, down, left, and right**.
5. Short press the **MENU** button again to switch to the right guide line. Adjusting the right guide line is the same as the left guide line.

## FCC Compliance Statement

### NOTE

This device has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference in which case the user will be required to correct the interference at his own expense.

### CAUTION

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for the compliance could void the user's authority to operate the equipment.



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