### **Quick Installation Guide**





## 1. System Overview

- One VTB301C high resolution HD CMOS color camera with the following features:
  - Weatherproof and water reistant
  - Mirror/ Non-Mirror image selectable switch
  - Wide-angle lens 170°
  - 360-degree adjustable mounting angle
  - · Auto-iris lens that automatically adjusts to light conditions
  - Infrared light for improved image quality in low-light situations
  - Nightvision distance of approx 8M
- 20M Extension Cable Included
- Supplied installation accessories

#### 2. Installation

Install the VTB301C as follows:

- Install the VTB301C camera in the desired location, as follows:
  - Fasten the camera mounting bracket, using the 4 selftapping Philips screws, to the desired mounting surface, as shown in the Step 1 arrows of Figure 1.
  - 2) Position the camera in the camera mounting bracket. Adjust the camera to the proper angle, and then attach the camera and sun visor to the camera mounting bracket using the 4 supplied hex-head machine screws (with washers), as shown in the Step 2 and Step 3 arrows of Figure 1.

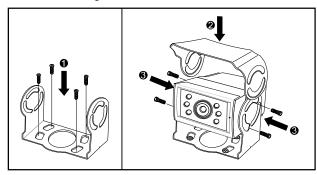


Figure 1. Installing the Camera

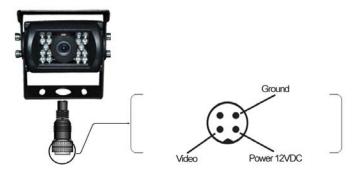
- Route the extension cable from the camera location to the location of the output device (not supplied), such as a monitor or switcher.
- c. Insert the male connector of the extension cable into the appropriate female audio/video port of the output device (not supplied), such as a monitor or switcher.

## 3. Normal/Mirror Selector

The <u>camera default setting is in reverse viewing</u>. To change to non-mirror viewing, unplug the jumper plug with the green wires and re-power the camera for the changes to take effect.

#### 4. Grid Line Selector

The camera default setting is grid line on. To turn off the grid lines, unplug the jumper plug with the blue wires and re-power the camera for the changes to take effect.



# 5. Specifications

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Item	Specification
Image Sensor	1/3 1089
TV System	NTSC
Effective Pixels	720 x 480
Minimum Illumination	0.0 Lux
Power Consumption	12 VDC, 250mA Max
Operating Temperature	-20°C to 70°C
Dimensions (Width x Height x Depth)	3 inches x 3 inches x 2.25 inches
Lens Angle	170°
Supplied Accessories	<ul> <li>Manual</li> </ul>
	<ul><li>Screws</li></ul>
	<ul> <li>20M Extension cable</li> </ul>
	<ul> <li>DC Power cable</li> </ul>
	<ul><li>2 Jumper terminals</li></ul>
	<ul> <li>Warranty card</li> </ul>
	<ul> <li>Registration card</li> </ul>

**CAUTION:** To reduce the risk of electrical shock, disconnect the battery from the electrical system of the vehicle before starting the installation.

CAUTION: Before inserting screws into the mounting surface, ensure that the underside of the mounting surface is clear of equipment that might be damaged by the screws.