

V I S T A

## INSTRUCTION MANUAL

### “SILVER BULLET” Camera Monochrome

Thank you for choosing this high quality camera, before attempting to connect or operate this product, please read these instructions.

#### General

This is a B/W CCD video camera employs a charge coupled device solid-state imaging device which provide high reliability. The special of this camera is it is designed to be water resistant for no problem to be located outdoor. This high quality camera is also designed to have very low current consumption of 75 mA only to achieve excellent reliability.

#### Features

1. 380 TV lines of horizontal resolution and high quality picture.
2. Built in Auto Electronic Shutter.
3. Minimum illumination of 0.5 Lux/F2.0
4. Signal-to-noise ratio of 46dB.

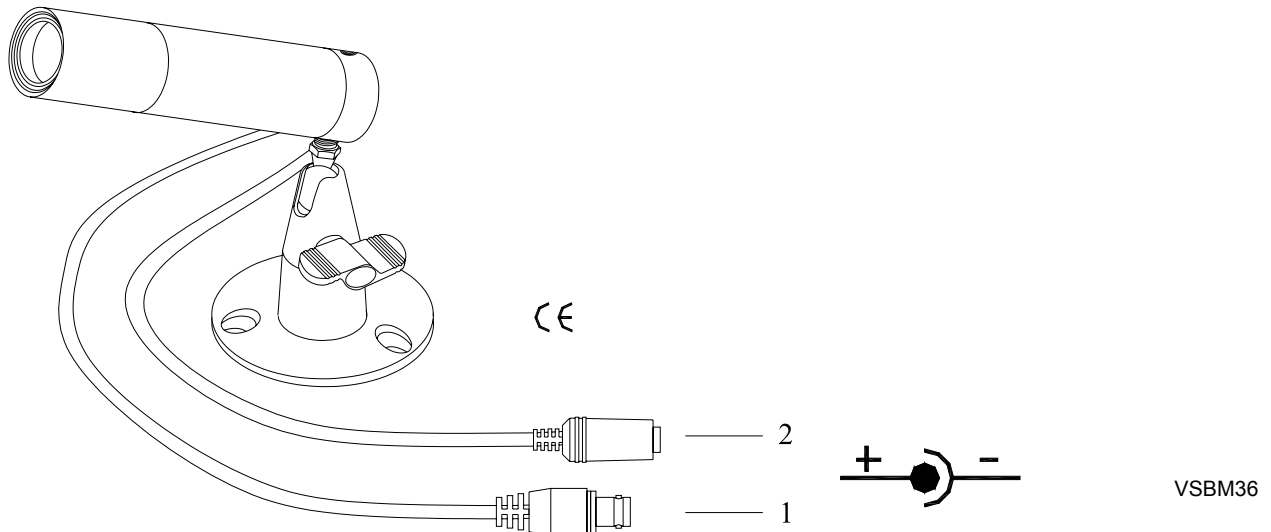
SPECIFICATION	VSBMC
Pick up Element	1/3" B/W CCD image sensor
Number of Pixel	510(H) x 492(V) <EIA> / 500(H) x 582(V) <CCIR>
Resolution	380 TV lines
Min. Illumination	0.5 Lux / F2.0
S/N Ratio	More than 46dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Load Impedance	75 $\Omega$
Standard Board Lens	F3.6mm / F2.0
Lens Angle	92°
Power Source	DC12V $\pm$ 10%
Current Consumption	75 mA
Dimension (mm)	26( $\emptyset$ ) x 87(L)
Weight	305g

#### WARNING:

TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, THIS APPLIANCE IS NOT DESIGNED FOR UNDERWATER USE.



## Major operating controls and functions



1. DC12V Input Terminal  
This terminal is for connecting the 12V DC regulated power supply cord.
2. Video Output Connector (VIDEO OUT)  
This is connector is for connecting with the VIDEO IN connector of the video monitor.

## Connections

1. Connect a video terminal of the camera (VIDEO) and the video input terminal of the video monitor with a  $75\Omega$  coaxial cable.
2. Connect the power terminal of the camera to a 12V DC regulated power supply.

## Standard Accessories

Main Body x 1 pc  
Bracket x 1 pc  
Instruction manual x 1 pc.

### **CAUTION**

1. Please use a correct power adaptor, DC12V (regulated), to operate this unit. The power tolerance of this unit is DC  $12V \pm 10\%$  (DC10.8V~13.2V), over maximum DC13.2V power input will damage this unit.
2. Video output (BNC connector) of this unit can be only connected to a monitor. Please check the wiring of video output before turning power on. If the power is sent through video output, the unit will be damaged.

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