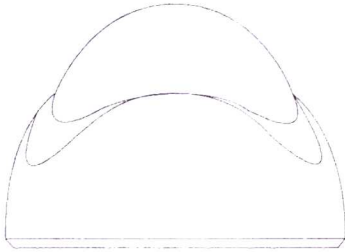


## 3-AXIS Vandal Proof Dome Camera



### FEATURES

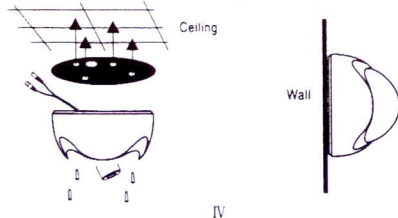
- 1/3" Sony advanced CCD,DSP
- Super high resolution:520TVL
- Mini illumination 0.002Lux/F1.2
- S/N ration over 50dB
- AGC,AWB,BLC,ES
- Low power consumption:<100mA
- Built-in varifocal auto iris aspherics lens f=2.8-11mm



1. PLASTIC ANCHOR: insert into the SCREW hole of the installation location (to strengthen the installation).
2. ASSY SCREW TAPPING: use for installation on the ceiling or wall.
3. L WRENCH: for camera body assembly.
4. RUBBER PAD: Stick rubber pad on the camera body for waterproof.

### Installation

1. Drill a hole in the Ceiling or wall  
Use the rubber pad as template to locate the installing holes, one hole for the power and video cables.
2. Use the L WRENCH to uncover the dome, draw the cable of power and video from the camera terminal and take the cable from the case.
3. To stick the rubber pad on the dome base correctly, and drill the line-out holes as indication on the pad, put the cable through the hole, and connect to the camera port, then clip the cable.
4. To mount the camera unit on the ceiling or wall. (As follow figure)



- >> Advanced DSP technology, enhances picture quality greatly to resolution of 520TVL
- >> Mini Vandal proof dome camera, attractive appearance, powder spray coating
- >> Natural Color response & Outstanding picture quality
- >> 3-Axis rotation gimbal design, 360° adjustable for easy installation anywhere
- >> Water-proof, vandal-proof, and anti-dismantle
- >> IP66

### 1 SAFETY PRECAUTIONS

The installation should be made by qualified service personnel or system installers and should confirm to all local codes.

#### 1. Power supply

- (1) Use only with 12V DC regulated power supply .
- (2) To prevent fire or electrical shock, UL listed class 2 wiring should be used for the 12VDC input terminal.
- (3) Be used to connect each lead to the terminal. Wrong connection may cause malfunction and/or damage to the video camera.

#### 2. Operating and storage locations

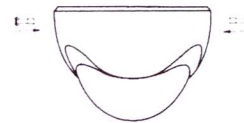
- (1). Do not attempt to point the camera at the sun or other extremely bright objects that cause smear to appear no matter the camera is power on or not. It leads to damage of the CCD.
- (2). When camera is installed next to equipment, such as wireless communication device, it emits a strong electromagnetic field, some irregularity such as noise on the monitor screen may happen.
- (3). Be sure to use a ceiling board having enough strength to support this camera.

#### 5. Adjusting the Camera Direction

Camera body moves in two ways: pan and tilt. Adjust the direction so that the lens is pointing at the target. Pan 360° and Tilt 90°

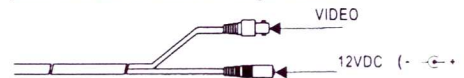
6. Use the lever to adjust the view angle and focus.

7. To turn the dome in and adjust until the lens point at the window, screw tightly and complete the installation.



#### \* Connecting Low Voltage Power & Video Signal

The wiring harness have a BNC connector to accept video signal , the other connectors to accept the low voltage power(12VDC). For mounting directly to a wall or ceiling, run power and video lines to the target location.



### 4 SELF-CHECK POINTS BEFORE CONSULTING AFTER-SALES SERVICES

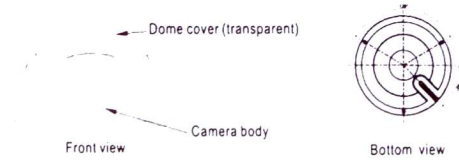
CONDITIONS	CHECKING POINTS
Screen not turned on	*Make sure whether power is connected correctly. *Check if the cable is connected correctly.
Screen not clear or is spread	*If dust is seen through the monitor screen after fixing lens, disassemble the lens and clear off the dust on the surface of CCD with blower or soft cloth.

- (4). Assemble the camera's main parts and lens quickly in a sanitary place.
- (5). Do not pull the cable, it may cause disconnection .
- (6). Do not touch the inside of camera even if something is wrong.
- (7). Before installation, make sure to disconnect the power supply first, check the ground connection, and then install it.
- (8). Operating temperature range: -10°C~+50°C, (14° F~122° F); Storage temperature range:-20°C~+60°C, (-4° F~140° F).
- (9). Be sure to use proper screws which cameras can be beared on the material firmly.

### 3. Handling of the unit

- (1) Never attempt to disassemble or modify the camera.
- (2) If an abnormality should occur, immediately turn off the power and consult your dealer.

### 2 PARTS DESCRIPTION



### 3 INSTALLATION

#### Accessories

### 5 SPECIFICATIONS

ITEM	BCS-VP220/NC3S
Image Sensor	1/3" Sony advanced CCD
Signal System	PAL or NTSC System
Effective Pixels(HxV)	PAL:752(H)x582(V); NTSC:768(H)x494(V)
Resolution	520 TV Lines
Minimum Illumination	0.002Lux/F1.2
Shutter Speed	1/50-1/100,000SEC(PAL), 1/60~1/100,000(NTSC)
S/N	More than 50dB
AGC/BLC	AUTO
White Balance	AUTO
Gamma	0.45
Lens Type	Varifocal auto iris aspherics lens, f=2.8-11mm
Video Output	1.0Vp-p, 75Ω
Power Supply	DC 12V Regulated
Consumed Current	<100 mA
Operation Temperature	-10° ~+50° ,RH95%
Dimension	φ 120mmx83mm
Weight	400g

### 6 DIMENSION OUTLINE

