

1. Safety Precautions

1. Please do not directly touch the sensor element. If necessary, use a soft cloth moistened with alcohol to wipe off any dust.
2. Please be extra careful not to shake the camera.
3. Please avoid places where there is direct sunlight.
4. When the camera is not in use, keep the lens or the lens cap attached to protect the sensor.
5. Don't attempt to service this unit yourself unless you are authorized to do so. This may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel only.
6. Please don't use the camera under the following abominable environments. Temperature is lower than -10 degrees Centigrade, or is higher than +50 degrees Centigrade.

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4. Product Specification

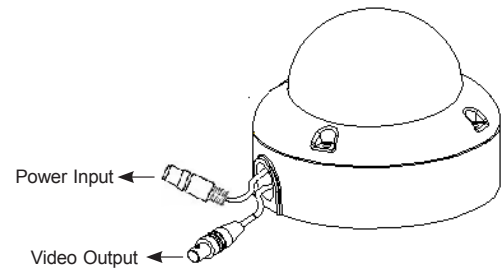
General		
Model	CAM-IVP55	CAM-IVP55V
Image pick-up device	1/3" Color Sony Exview HAD CCD II	
Effective Pixels	NTSC: 976 x 494, PAL: 976 x 582	
Horizontal Resolution	Color: 650 TVL, B / W: 700 TVL	
Lens	Board Lens 3.6mm	Vari-Focal Lens with ICR 3.7~12mm / F1.6
Min. Illuminator	0.01 Lux (30IRE@F2.0) Day Mode	
Auto Electronic Shutter	NTSC: 1/60s~1/100,000s, PAL: 1/50s~1/110,000s	
S/N Ratio	More than 48 dB	
Gamma Characteristic	0.45	
White Balance	Auto / Indoor / Outdoor / Manual / Push Auto	
Gain Control	Auto	
Back Light Comp.	On / Off	
Synchronous System	Internal	
Video Output	Composite 1.0 Vp-p, 75 ohm	
View Angle	H: 21~68 Degree, V: 16 -54 Degree	
IR LED	24 pieces	
IR Wavelength	850 nm	
IR Distance	20~25 meters	
Vandal Resistant	10 pounds	
Water Resistant	IP-66	
Environment		
Power Requirement	DC 12V IR on: 380mA max. / IR off: 90mA max.	DC 12V IR on: 410mA max. / IR off: 120mA max.
Dimensions	145 x 110 mm (Φ x H)	
Weight	1.03 kg	
Operating Temperature	-10 ~ 50 Degree C	

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2. Package Contents

- CAM-IVP55 / CAM-IVP55V
- 1 x Quick Installation Guide
- 1 x Wrench
- 1 x Waterproof Cable Connector
- 1 x Screw Kit

3. Overview



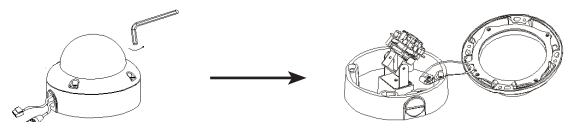
Connector Definition

Connector	Description
Power Input	Connect to a DC 12V power adapter.
Video Output	BNC connector for analog video output.

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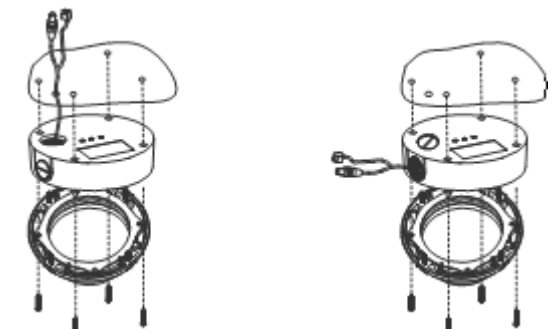
5. Physical Installation

1. Use the provided wrench to loose the tamper-resistant housing cover with screws still attached on the cover.



Note During the installation, please take care and avoid crash. That may cause people hurt and this device damage.

2. Set the mounting base onto the wall or ceiling and center it over the mounting hole, using the supplied four retaining screws to secure the main body.



3. Set proper image by moving the camera module and set the focus by turning the lens to the left or right direction.

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650TVL Vandal-Proof Dome Camera

Secure Your Environment, Property and Life

For CAM-IVP55 / CAM-IVP55V

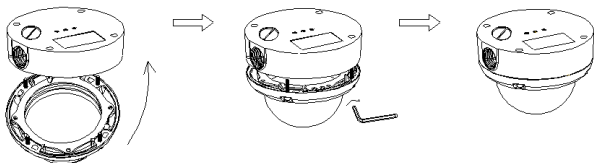
Quick Installation Guide



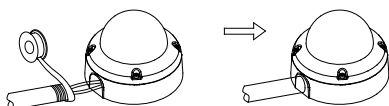
PLANET Technology Corp.
2011-AB5440-001



4. When the camera focus adjustment has been completed, use the provided wrench to fasten the tamper-resistant housing to the main body.



5. Besides the waterproof connector, when using the side conduit cabling, it is suggested to cover the cables using metal covers (to prevent external damage and for waterproof prevention), and wind the waterproof adhesive tape onto the metal cover before installation.



6. Connect the video output to the monitor or other video device through a 75 Ohm type coaxial cable and the DC-Jack to the power source.



Please make sure the power output voltage is DC 12V (max. $\pm 10\%$). We suggest using a DC 12V switching power adapter which can provide a stable power output.

6. DIP Switch Setting

● Flickerless Function

Set switch-OFF / F.L. to Flicker to enable flickerless function, in this mode, the switch-AES / OFF is auto disabled.

● AGC-Hi / AGC-Lo Function

Adjust the switch to AGC indicates AGC-Hi and OFF indicates AGC-Low. AGC-Hi mode--The maximum AGC gain is approximately 26dB. AGC-Lo mode--The maximum AGC gain is approximately 16dB.

● Auto Iris Function

When using an auto iris lens, the switch-AES / OFF should be in the OFF position to disable the AES function. Adjust VR to the proper level.

● BLC Function

Set switch-OFF / BLC to BLC to enable Back Light Compensation (BLC) function.

