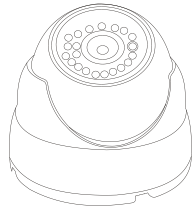


# Color IR Dome Camera User Manual



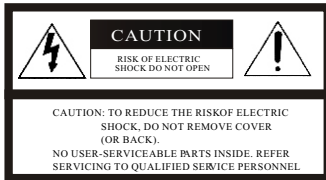
AV665SCW28

## DESCRIPTION

This IR Dome Camera adopt high sensitivity sensor and advanced circuit design, the resolution up to 600TVL, support automatic white balance, high S/N Ratio, clear picture, with the function of color to black automatically, with IR-CUT filter design, easily have 24 hours day and night.

## ATTENTION

Thank you for your purchasing this product. Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use.

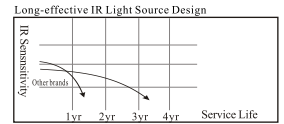


- Use the Appropriate Power Supply  
The input power for AV665SCW28 is DC12V. Be sure to connect it to the appropriate power. Wrong connection may cause malfunction and/or damage to the video camera.
- Do not attempt to disassemble the camera.  
To prevent electric shock, do not remove screws or covers. There are no user serviceable parts inside. Ask a qualified service person for servicing.
- Handle the camera with care.  
Do not abuse the camera. Avoid striking, shaking, etc. The camera could be damaged by improper handling or storage.
- Do not expose the camera to rain or moisture, or try to operate it in wet areas. Do not place the camera in the following locations:
  - Locations where temperature is lower than -10°C or higher than 50°C;
  - Locations where humidity is higher than 95%;
  - Locations where there are large amounts of water vapor and steam.
- Do not use strong or abrasive detergents when cleaning the camera body. Use a dry cloth to clean the camera when dirty. In case the dirt is hard to remove. Use a mild detergent and wipe gently.
- Clean the sensor faceplate with care.  
When cleaning the sensor panel, do not use strong or abrasive detergents. Use a piece of lens tissue or cotton tipped applicator and ethanol.
- Do not attempt to aim the camera at the sun  
Do not attempt to aim the camera at the sun or other extremely bright objects that causes near to appear irrespective of whether the camera is operating or not. This can damage the sensor.
- Do not put the camera in a place with interference.  
When this camera is installed near the equipment like wireless communication device which emits strong electromagnetic field, some irregularity such as noise on monitor screen may happen.

## FEATURES

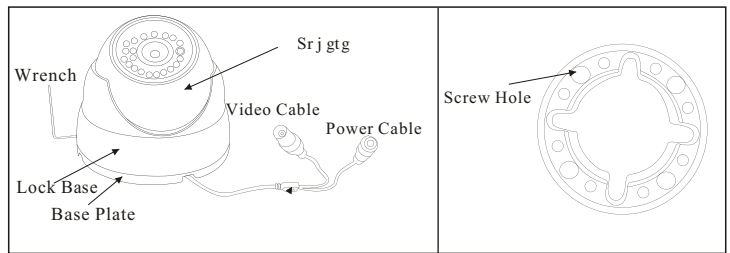
- Adopt high performance sensor, the image is clear, exquisite**
- Auto color to black function**  
Day and Night Monitoring daytime with enough light, color image, at night, low light, change to black image automatically to improve the sensitivity and picture quality.
- High resolution**  
Up to 600TVL high resolution.
- High S/N Ratio.**  
S/N Ratio definition: the ratio between signal voltage and noise voltage, the higher of the ratio, the less interference of the noise, and the image is more clearer.

- Long-life IR LED'S Design**  
High-performance IR LED, whose brightness is several times higher and service life longer than an ordinary LED's with 22m IR range



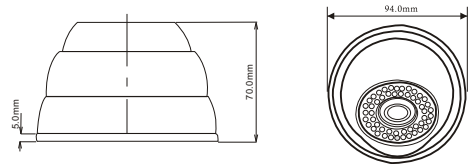
- Automatic gain control (AGC)**  
In order to output standard video signal under different illumination conditions, The amplifier gain need to adjust automatically in large scope. It can increase the sensitivity automatically when low light and enhance the signal output to have a clear bright image.
- Auto White Balance**  
ATW is the camera's reversion of the white objects, it can adjust the room temperature and outside temperature. When the temperature change, the human eye can see that white is white, This is because human eye can adapt to the changes of the color temperature, but the camera does not perform well equally, when Light occurs, the white color will change to others after shooting. White Balance technology can correct this problem

## PARTS INSTRUCTION AND INSTALLATION



- Take out the fixing screws on the lock base by the allen wrench in the accessory bag. (Another way: hold the base plate and turn it in anti-clockwise direction)
- Separate the base plate from the lock base.
- Use screws to fix the base plate to the needed place.
- Then put the sphere and the lock base to where they belong and screw up the fixing screws.

## DIMENSION(MM)



## SPECIFICATION

Model No	AV665SCW28
Image Sensor	1/3" High Sensitivity Sensor
TV System	NTSC
Sync System	Internal
Resolution	600TVL
Mini Illumination	0Lux when IR on
White Balance	AUTO
Gain Control	AUTO
S/N Ratio	>50dB
Electronic Shutter	Auto(1/50~1/12,000 second)
Gamma Correction	0.45
Lens	2.8mm
IR Light	20PCS, 22m/75 ft IR distance
Weather Proof rate	Ip66
Operation Temp	14°F-122°F
Video Output	Composite BNC 1.0V p-p 75Ω
Power	DC12V±1V
Consumption	IR off(80MA,0.98W),IR on(310MA,3.81W)
Dimension	3.1" x 2.3"
Weight	1.07lbs

\*Specifications subject to change without notice.