



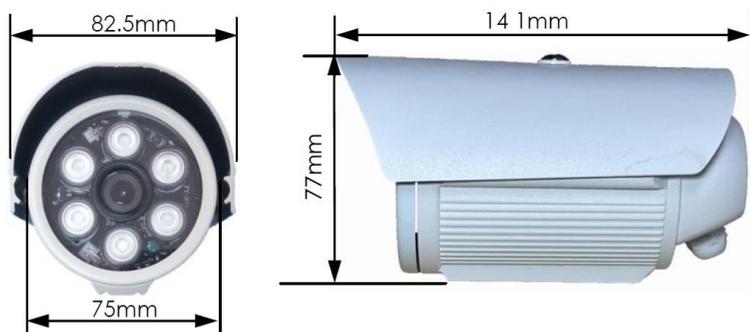
# Analog High Definition 1080P SONY IR Camera



## Features:

- ★ HD video quality on 1080P resolution.
- ★ HD video transmission without quality loss and compression.
- ★ Real-time video display without delay.
- ★ Long video transmission distance via Coax / UTP.
- ★ SONY 2.07MP CMOS image sensor.
- ★ Built-in ICR for true day & night without focus shift.
- ★ Auto Electronic Shutter (AES), Auto Gain Control (AGC).
- ★ Auto Trace White Balance (ATW). Digital Wide Dynamic Range (DWDR).
- ★ 2D / 3D Noise Reduction (2DNR / 3DNR).
- ★ Built-in anti-aliasing IR-pass (850nm) optical filter.

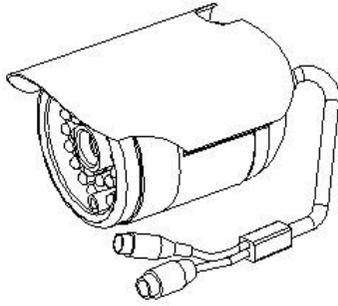
## Dimensions:



## Specifications:

Model No.	XBH65R
Image Pick-up Device	SONY 1/2.9" 2.07 MP CMOS
IR Cut Filter	Built-in
Horizontal Resolution	1920 (H) x 1080 (V) @ 30FPS
Minimum Illumination	0.05LUX / F1.8; 0LUX / IR
S/N Ratio	More than 60 dB
Auto Electronic Shutter	1/60s (1/50s) ~ 1/50,000s
Gain Control	Automatically
White Balance	ATW (1,800°K~10,500°K)
Gamma Characteristic	0.45
DWDR	ON
2D/ 3D Noise Reduction	ON
Lens Furnished	HD Board Lens 4mm / F1.8
Synchronous System	Internal, Negative sync.
Video Output	1 Vp-p Composite Video / 75 ohm
Transmission Distance	Coax.: 300M (3C2V) / 500M (5C2V) UTP: 200M (Cat5e)
Power Supply / Consumption	DC 12V / 350mA
Operating Temp.	-10°C to 50°C (14°F to 122°F)
Housing Material	Metal IP66 Weatherproof
IR LED	6 Units of 850nm IR Array LED
IR Projection Distance	30 Meters



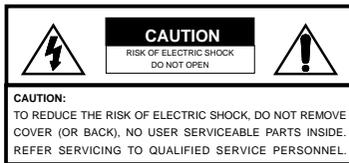


The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

▲ Before attempting to connect this product, please read and keep this manual for future use.

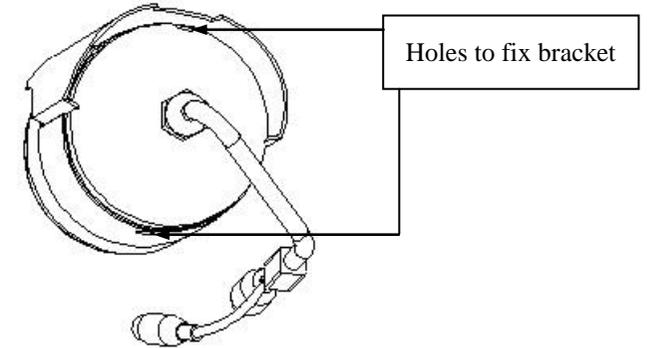


## Safety Warning

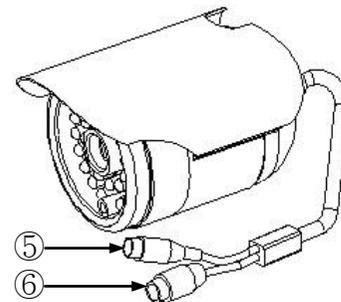
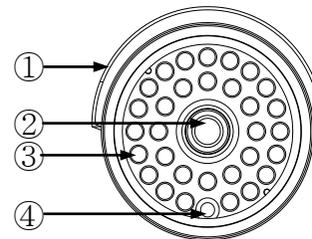
1. Ask a qualified service person for maintenance when you encounter any problems.
2. Install the camera away from TV, radio transmitter, magnet, electric motor, transformer, audio speakers because the magnetic fields generated from above devices will distort the video image.
3. Place this camera on a solid base. Install the camera away from stoves or other heat generating devices as the high temperature could cause deformation, discoloration or other damages to the camera. Install the camera at where the temperature range will stay between -10°C~50°C (14°F~122°F)
4. Do not expose and operate the camera in the rain and humid areas.
5. Only use soft dry cloth to clean the camera. Also use lens tissue or cotton tipped applicator and ethanol to clean camera lens.

## Installation Instructions

- (1) Connect the video output wire between monitor and camera through 75ohm coaxial cable.
- (2) Connect the power cord input.
- (3) Fix camera to the bracket. The camera can be attached to mounting device from either the top or bottom side.



## Parts Names



- ① Sunshield
- ② Camera Lens
- ③ Infrared LED
- ④ CDS Control
- ⑤ DC Connector
- ⑥ BNC Connector