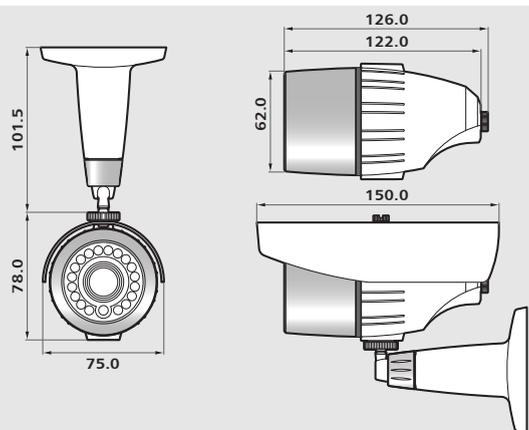


Dimensions (mm)

※ This Weatherproof IR Camera is designed for Ceiling or Wall Mounting



Regulatory Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause interference, in which case the user will be required to correct the interference at his own expense.

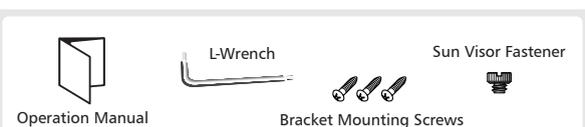
WARNING - Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CAUTION - When this camera is installed near equipment, like a wireless communication device that emits a strong electromagnetic field, some irregularity such as noise on the monitor screen may happen.

Simple to install
Outdoor Surveillance Camera

As surroundings darken, it switches automatically from color to **black-and-white** mode to enhance sensitivity.

COMPOSITION:



SPECIFICATIONS:

Model	NTSC	PAL
Signal System	NTSC : 525 Lines	PAL : 625 Lines
Scanning System	2 : 1 Interlace	
Scanning Frequency (H)	15.734kHz	15.625kHz
Scanning Frequency (V)	59.94Hz	50Hz
Image Sensor	1/3 inch SONY Super HAD CCD	
Total / Effective Pixels No.	410K	470K
S/N Ratio	50dB Min. (AGC Off)	
Resolution	550 TV Lines	
Video Output Level	1.0 Vp-p (75 Ohms, composite)	
Lens	Vari-focal Lens (F=1.2, f=3.8~9.5mm)	
Focus	Manual	
Sync. System	Internal	
Sensitivity (F1.2)	0.3 Lux (color) / 0.008 Lux (DSS On) / 0 Lux (IR LED On)	
Electronic Shutter	1/60 ~ 120,000 Sec.	1/50 ~ 120,000 Sec.
White Balance	Auto	
AGC/ BLC/ D&N/ FL	On / Off Selectable	
DSS	On / Off (Max 32 times)	
D-ZOOM	On / Off (2 x)	
DNR	AUTO	
Input / Output Connector	Power (Red Jack), Video (Yellow Jack)	
Operating Temperature	-10°C ~ 45°C	
Storage Temperature	-20°C ~ 65°C	
Power Consumption	12VDC (10V~15V), 0.3A/3.6W (Max)	
Dimensions (WxHxD)	75 x 78 x 150mm	
Weight	Approx. 800g	

Need Help?
Call 1.800.796.CCTV for sales, service and customer support.
www.honeywellvideo.com

P/N:3810-0054S Rev 0 03/18

Honeywell

HB73 Series

Operation Manual

- 1/3" Sony Super HAD CCD
- High Resolution: 550 TV Lines
- Auto White Balance
- AGC, BLC, Flickerless On/Off
- 3.8 - 9.5 mm DC Vari-focal Auto Iris Lens
- Super Digital Noise Reduction (SDNR)
- Electronic Sensitivity-up(DSS) On/Off
- Weatherproof Housing
- IP65



READ AND KEEP THIS OPERATION MANUAL

PRECAUTIONS:

Do not install the camera in extreme temperature conditions.
Do use the camera under conditions where temperatures are within -10°C to 45°C. Be especially careful with ventilation under high temperatures.

Do not install the camera under unstable lighting conditions.
Severe lighting change or flicker can cause the camera to work improperly.

Do not drop the camera or subject to physical shock.
It can cause malfunctions to occur.

Never point the camera into strong light or the sun.
It can damage CCD.

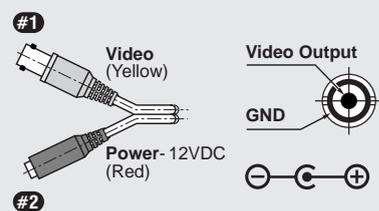
Note
If there is a bright spot light in the scene, smearing or blooming may occur. Confirm that the power supply provides sufficient power before connecting the camera.

1 Bright Adjustment V.R
Used to adjust video output level of DC driven auto iris lens. When the brightness control of the monitor does not operate correctly, you can optimize the picture picture by controlling the DC level of camera.

CONNECTION:

Connecting to Monitor and Power

12VDC Power Type

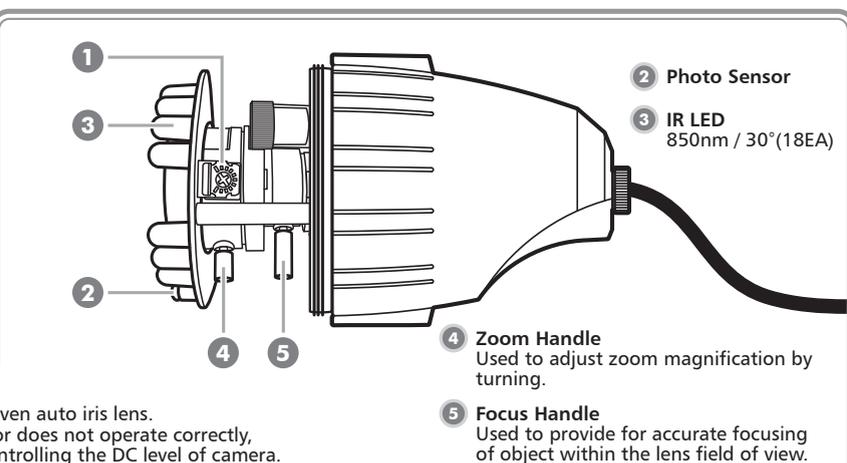


- The wire is polarized.
- Use 12VDC power source.

No.	Function	Terminal Color	Remark
#1	Video Output	Yellow	1.0 Vp-p
#2	Power Input	Red	12VDC(10V~15V), 0.3A(Max)

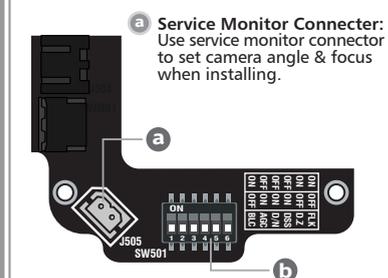
NAME AND FUNCTION:

Vari-focal Lens Type



CAMERA SET-UP:

D&N IR Camera



- a Service Monitor Connector:**
Use service monitor connector to set camera angle & focus when installing.
- b Function Selection Switch:**
- BLC(Back Light Compensation) ON/OFF
 - AGC(Auto Gain Control) ON/OFF
 - D/N(Day & Night) ON/OFF
 - DSS(Digital Slow Shutter) ON/OFF
 - D.Z(Digital Zoom) ON/OFF
 - FLK(Flickerless) ON/OFF

CAUTION : When AGC is off, D/N does not work because the D/N switching function is dependent on the AGC level.

TROUBLESHOOTING:

If you have trouble operating your camera, refer to the following. If the guidelines do not enable you to solve the problem, contact an authorized technician.

- ✓ The image does not appear on the screen.
 - Check the power source for the monitor and camera and ensure that the voltage and polarity are correct.
- ✓ The image on the screen is dim.
 - Check if the lens is stained. If dirty, clean the lens with a soft, clean cloth.
 - Adjust the Back Focus of the lens again.
- ✓ The camera does not work properly, the surface of the camera case is hot, and a black line appears on the screen.
 - Check if you have connected the camera to a proper power source and if there is no problem with the power, turn the unit off immediately and seek assistance from our Customer Service department.
- ✓ The screen blinks a lot.
 - Check if the camera is pointed toward the sun or a fluorescent lamp.
 - Adjust the angle or location of the camera if too much light is coming into the screen.