Thank you for purchasing our product. Before attempting to connect or operate

this product please read the instructions carefully in this manual for future use.

AV762PDIR

AV762PDIR uses advanced imaging technology with resolution as high as 720P, CVBS 960H

output, support 720P/60fps output meanwhile, self-adaptive 2D/3D noise reduction..

AV762PDIR comes with a powerful OSD menu that include motion detection, digital zoom,

privacy zones, lens shading compensation, DPC, Auto electronic shutter, AWB, image sharpening, etc.

PRECAUTIONS

1. Use the Appropriate Power Supply.
   The input power for AV762PDIR is DC12V/AC24V. Be sure to connect it to the appropriate power, wrong connection may cause malfunction and /or damage to the video camera.

2. Do not attempt to disassemble the camera
   To prevent electric shock, do not remove screws or covers. There are no user serviceable parts inside. Any questions please ask a qualified service person for servicing.

3. Handle the camera with care.
   Do not abuse the camera. Avoid striking shaking, etc. The camera could be damaged by improper handling or storage.

4. Do not place the camera in the following locations:
   ① Locations where temperature is lower than -20°C or higher than 55°C;
   ② Locations where humidity is higher than 90%;

5. Clean the CMOS faceplate with care.
   When cleaning the CMOS panel, do not use strong or abrasive detergents, use a piece of lens tissue or cotton tipped applicator and ethanol.

6. 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 cause smear to appear irrespective of whether the camera is operating or not. This can damage the CMOS (Complementary Metal Oxide Semiconductor).
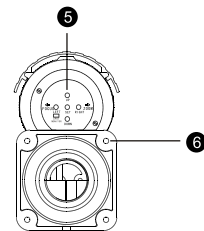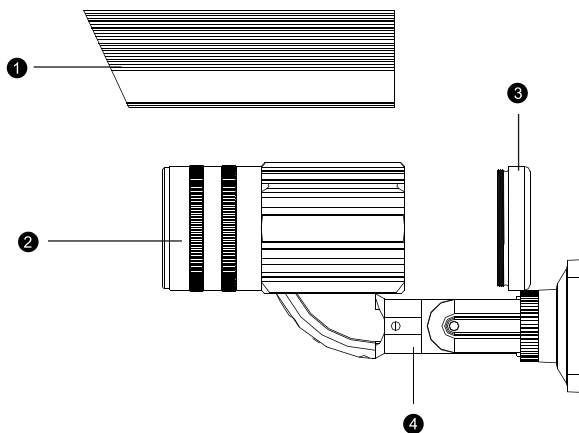
7. Do not put the camera in a place with interference.
   When this camera is installed near the equipment like wireless communication device that emits strong electromagnetic field, some irregularity such as noise on monitor screen may happen.

FEATURES

1. Sony 720P CMOS sensor

2. CVBS 960H output, support 720P/60fps output meanwhile

3. High resolution, 720P, true color recovering

4. Self-adaptive 2D/3D image denoising

5. DC12V/AC24V duplicate supply design

6. Waterproof: IP66

7. simple operation
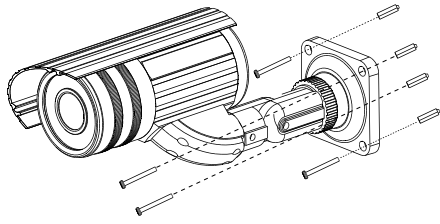
8. OSD menu

PARTS INSTRUCTION

1. Hood
2. Camera body
3. Back cover
4. 3-axis bracket
5. OSD (take off the back cover)
6. Four install screws holes
   (at bottom of the bracket)

■ Camera installation
1、Using the foam pat to locate holes in the wall
2、Drill 4 holes in the position needed in accordance with the installation hole on the subpanel of the bracket, push the expansion bolt inside then tighten the screws, make the installation hole aim at the four screws and fix it.
3、Get the wire out from the bottle of the bracket.
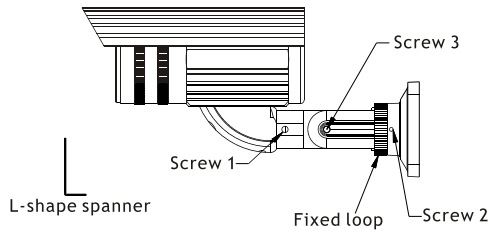
■ Assembly instruction of 3D cable bracket

Figure 1

Figure 1:Take the screws out of the accessories pouch and use L-shape spanner to assemble.
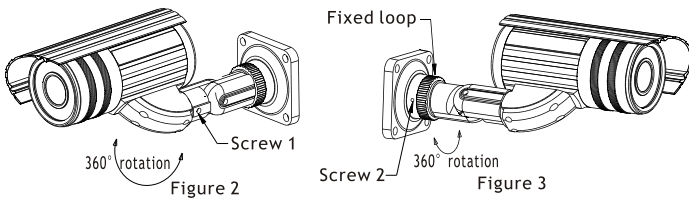
■ Adjustment instruction of 3D bracket

Figure 2

Figure 2, loosen the screw 1 to rotate 360°

Figure 3

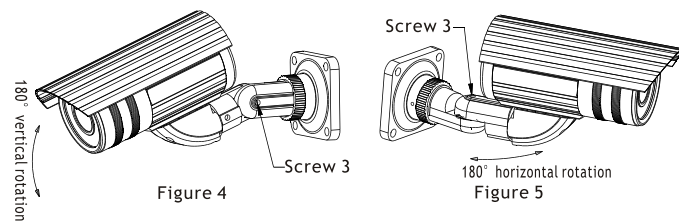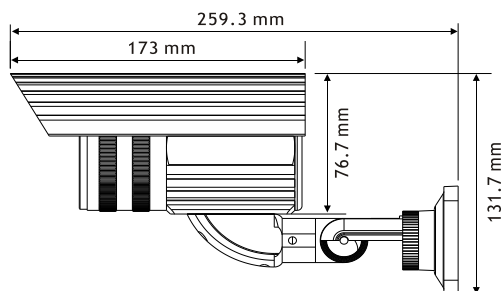Figure 3, loosen the screw 2 and the fixed loop to rotate 360°
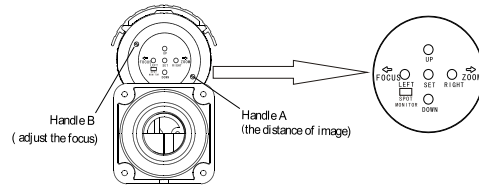
Figure 4

Figure 5

Figures 4 and 5, loosen the screw 3 to rotate 180° from up to down or from left to right

259.3 mm
173 mm
76.7 mm
131.7 mm

In camera the key to set the camera

Handle B (adjust the focus)
Handle A (the distance of image)

OSD function set:
SET: choose function or back to last level.
Up/down: Up or down to move vertically.
Left/right: to move left or right horizontally or modify parameters

Main menu

IMAGE ↵	3D-NR ↵	IRIS ↵
	AE MODE	WB
	IMAGE ENHANCE ↵	MIRROR
	FLIP	BRIGHTNESS
	ZOOM IN	
DAY&NIGHT	AUTO	COLOR
	B&W	EXTERNAL
ZONE MASKING ↵	STATUS	HORIZON SIZE
	VERTICAL SIZE	HORIZON MOVE
	VERTICAL MOVE	
MOTION DETECTION ↵	STATUS	COLOR
	HORIZON SIZE	VERTICAL SIZE
	HORIZON MOVE	VERTICAL MOVE
VIDEO STANDARD	PAL	NTSC
LANGUAGE	English	Chinese
LOAD DEFAULT		
SOFT VERSION		
SAVE& EXIT		

Sensor	1/3" SONY CMOS 1.3M pixels	
Output format	PAL: 960(H)*576(V)	NTSC :960(H)*480(V)
Scanning system	1:1 progressive scanning	
Sync. System	Internal	
Resolution	720P	
Lens	2.8-12mm	
O.S.D	Built-in	
White balance	AWB-PRO/AWB-TEMPORA AWB-AI/AWB-GW/AWB-CCT	
BLC	ON/OFF/AUTO	
NR	3D noise reduction	
Mirror function	ON/OFF	
Image adjustment	Contrast/Sharpness/Saturation	
Motion detection	Off/on(4 areas)	
Privacy zones	Off/on(8 areas)	
Day & night	Auto / B/W / Exton / Color	
S/N ratio	more than 50dB （AGC off)	
Electronic shutter	Auto	
Video output	1.0Vp-p composite video output, 75 Ω	
IR LED	36 Units infrared LED(Φ5mm/850nm)	
IR distance	100 feet	
Min. Illumination	0 Lux(IR on)	
Power supply	DC 12V/AC24V(±10%)	
Power consumption	DC12V/320mA, AC24V/4W	
Operation temperature	-20℃~55℃	
Dimension	76.7x131.7x259.3mm	
Weight	950g	

＊ Specifications are subjected to change without notice.