AVUE
Advance Video Surveillance

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.

DESCRIPTION

AV762SDIR adopts advanced image processing technology. Resolution is as high as 700TVL.,advanced digital wide dynamic range, HS-BLC,etc. Powerful OSD menu includes brightness, contrast and color saturation adjustments,multi-area BLC,white balance,AGC and other functions, which ensure clear and bright pictures. Mirror,motion detection, privacy and other aided functions make it suitable for various special environments; waterproof design, unique 3 axis bracket help to carry out a 24-hour monitoring and an easy convenient operation.

adopts advanced image processing technology. Resolution is as high as 700TVL realize clear and sharp image.
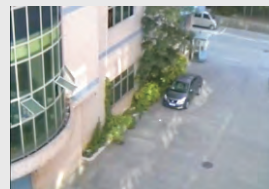
480 TV Line | 700 TV Line
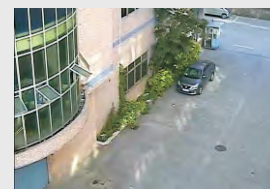
AV762SDIR

PRECAUTIONS

1. Use the Appropriate Power Supply
   The input power for AV762SDIR 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. 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 expose the camera to rain or moisture, or try to operate it in wet areas.
   Do not place the camera in the following locations:
   ① Locations where temperature is lower than -10℃ or higher than 50 ℃;
   ② Locations where humidity is higher than 95%;
   ③ Locations where there are large amounts of water vapor and steam.

5. Clean the CCD faceplate with care
   When cleaning the CCD 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 CCD (Charge Coupled Device).
7. 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

1/3" SONY Ex-view HAD CCD is Employed

   Advanced WDR compensation largely improves image effect when there is much contrast.

Advanced Digital Signal Processing Technology

   Design,whose brightness is several times higher and working life longer than an ordinary LED's.

High Resolution

   Horizontal 700TVL resolution

HS-BLC

   It can utomatically detect stronglight, keep out the part with strong light in the image to improve the whole scene definition and carry out an effective mornitoring more clearly

DC12V/AC24 Duplicate Supply Design

   DC12V and AC24V, which can automatically shift to the correct model as per the power in.

Waterproof and vandalproof

   Waterproof ,dust proof and vandalproof

Motion detection

   Video motion detection function, blue highlight LED, good alarm effect.

3 axis bracket

   inside 3 axis bracket,full angle adjustment,easy operation.

OSD menu

   Powerful menu operation, which can set all functions of the camera.

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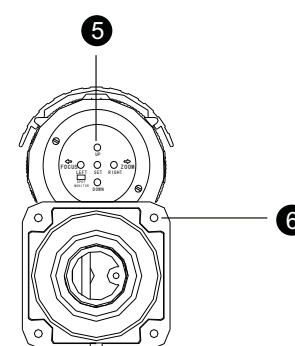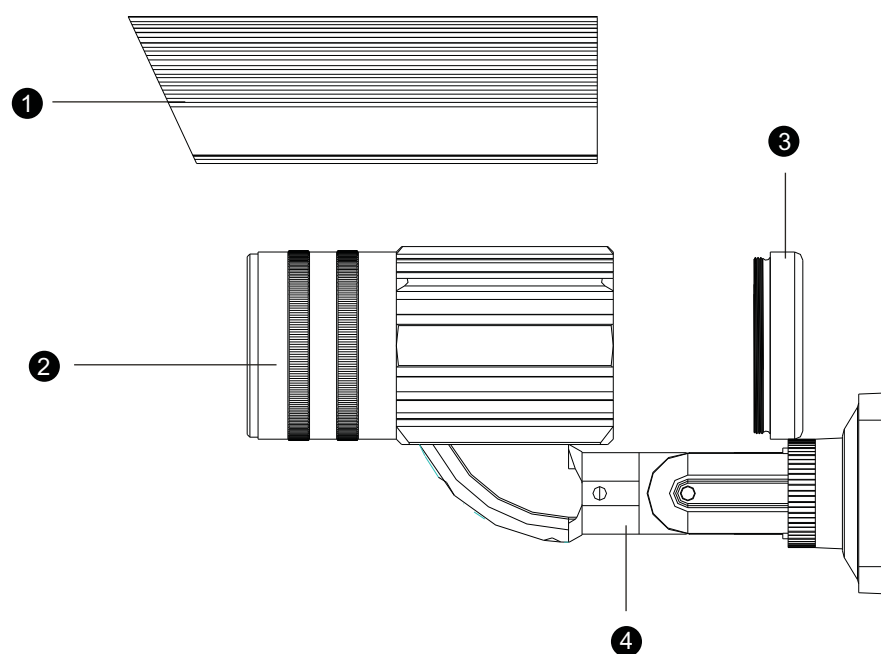
1. Hood
2. Camera body
3. Back cover
4. 3 axis bracket
5. OSD(take off the back cover)
6. Four install screws holes (at bottom of the bracket)

■ 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.
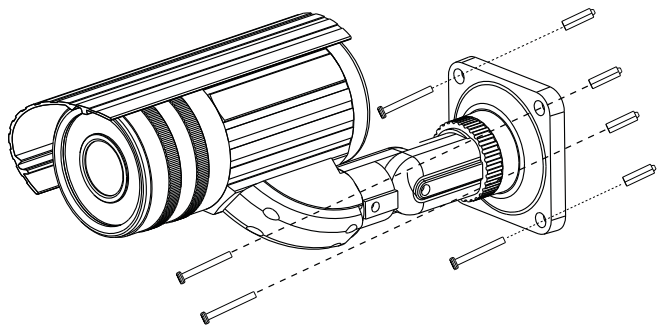
■ Assembly instruction of 3D cable bracket

Screw 3
Screw 1
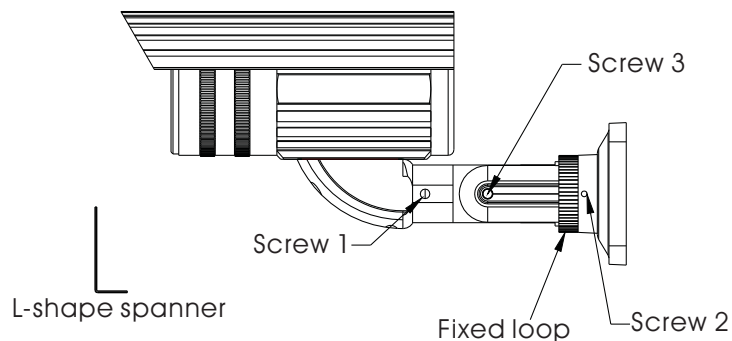L-shape spanner
Fixed loop
Screw 2

Figure 1

Take the screws out of the accessories pouch and use L-shape spanner to assemble, as shown in the figure 1
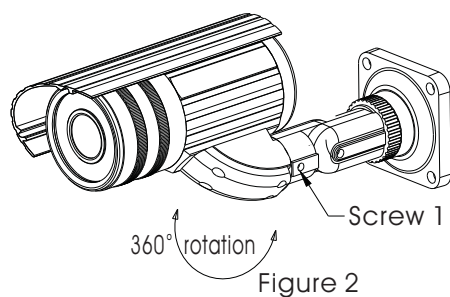
■ Adjustment instruction of 3D bracket

Fixed loop
Screw 1
360° rotation
Figure 2

Screw 2
360° rotation
Figure 3

As shown in the figure 2, loosen the screw 1 to rotate 360°

As shown in the figure 3, loosen the screw 2 and the fixed loop to rotate 360°

Screw 3
180° vertical rotation
Figure 4
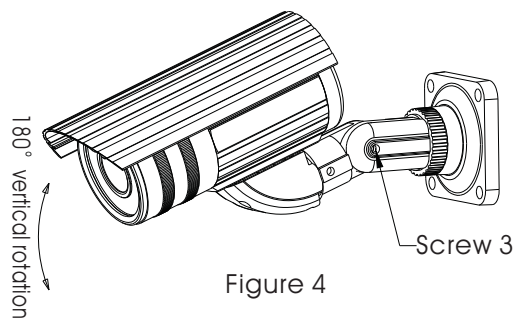
Screw 3
180° horizontal rotation
Figure 5

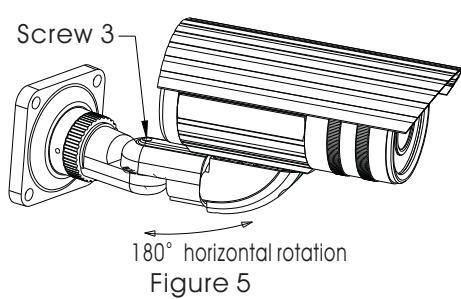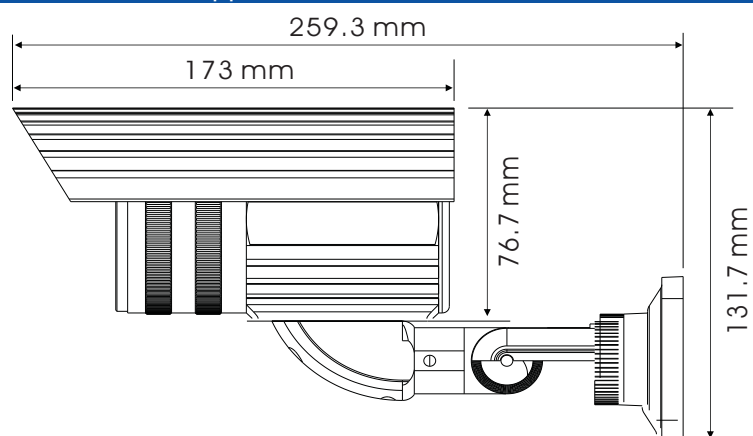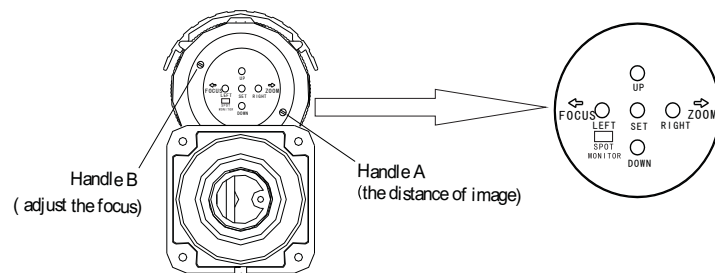As shown in the figures 4 and 5, loosen the screw 3 to rotate 180° from up to down or from left to right

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)
FOCUS UP ZOOM
LEFT SET RIGHT
SPOT MONITOR DOWN

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, ⏎ means with subordinate menu set.

Main menu

LENS	◆ MANUAL	◆ AUTO ⏎
SHUTTER/AGC	◆ MANUAL ⏎	◆ AUTO ⏎
WHITE BAL	◆ ATW ⏎	◆ AWC-SET
	◆ USER 1 ⏎	◆ USER 2 ⏎
	◆ ANTI CR	◆ MANUAL ⏎
	◆ PUSH	
BACKLIGHT	◆ OFF	◆ BLC
	◆ HLC	
PICT ADJUST	◆ MIRROR	◆ BIGHTNESS
	◆ CONTRAST	◆ SHARPNESS
	◆ HUE	◆ GAIN
ATR	◆ OFF	◆ ON ⏎
MOTION DET	◆ OFF	◆ ON ⏎
PRIVACY	◆ OFF	◆ ON ⏎
DAY/NIGHT	◆ COLOR	◆ B/W ⏎
	◆ AUTO ⏎	
NR	◆ OFF	◆ ON ⏎
CAMERA ID	◆ OFF	◆ ON ⏎
LANGUAGE		
CAMERA RESET		
SAVE		
EXIT		

Pick Up Device	1/3″ SONY Ex-view HAD II CCD	
Total Pixels	PAL:752(H)*582(V)	NTSC:768(H)*494(V)
Sensing area	4.9mm*3.7mm	
Scanning System	2:1 Interlaced	
Sync.System	Internal	
Resolution	700 TVLines	
Lens	2.8~12mm DC ICR	
O.S.D	Built-in	
White Balance	MANUAL/USER1/USER2/PUSH LOCK/CRR/ATW	
AGC	Auto/manual	
BLC	HLC/BLC/OFF	
2DNR	Y/C,Y,C,OFF	
ATR	OFF/ON	
Mirror function	Horizontal mirror/OFF	
Image adjustment	Lightness/Contrast/Sharpness/Tone/Saturation	
Motion detection	Off/On(4 areas)	
Privacy zones	Off/On(4 areas)	
Day & Night	Auto/B/W/Color	
S/N Ratio	50dB(AGC OFF)	
Electronic Shutter	Auto(1/60(1/50)~1/100,000)/FIXED/MANUAL	
Video Output	1.0Vp-p Composite Video Output,75Ω	
IR LED	36 Units infrared LED(Φ5mm/850nm)	
IR Distance In Effect	30m (indoor)/20m (outdoor)	
IR Illumination	3Lux	
Min. Illumination	0 Lux (IR ON)	
Power Source	DC12V/AC24V	
Current Consumption	DC12V/600mA,AC24V/12W	
Operation Temperature	−10°C~50°C	
Weight	950g	

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* Specifications subject to change without notice