Thank you for purchasing our product. Before attempting to connect operate this product please read the instructions carefully in this manual for future use.

AV819SC has advanced imaging technology with resolution as high as 700TVL, true color recovering, IR SMART control, waterproof housing and etc. to provide 24-hour continuous monitoring.

AV819SC

PRECAUTIONS

1. Use the appropriate power supply.
   The input power for AV819SC **is** DC 12V. 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 is 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 place the camera in the following locations :
   ① Locations where temperature is lower than -20℃ or higher than 55℃
   ② Locations where humidity is higher than 90﹪

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 irre spective 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. 1/3" CMOS Image sensor(Pixelplus)
2. High resolution,700TVL,true color recovering
3. IR SMART control
4. Low power consumption(200mW), low heat dissipation
5. Weather-proof:IP66
6. Simple operation

PARTS INSTRUCTION
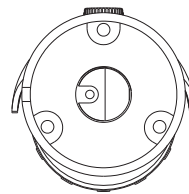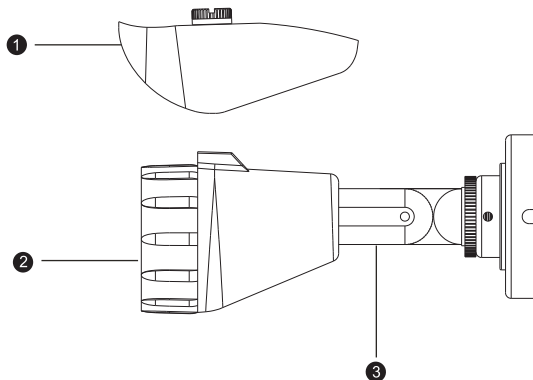
1. Hood
2. Camera body
3. 3-axis bracket
4. Three install screws holes
   (at bottom of the bracket)

■ Camera installation
1、Using the foam pat to locate holes in the wall
2、Drill 3 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.
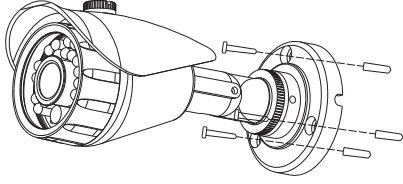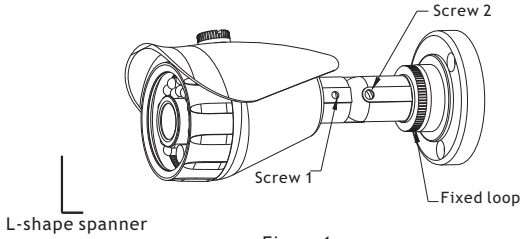
■ Assembly instruction of 3D cable bracket

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

Figure1:Take the screws out of the accessories pouch and use L-shape spanner
to assemble.

■ Adjustment instruction of 3D bracket

360° rotation
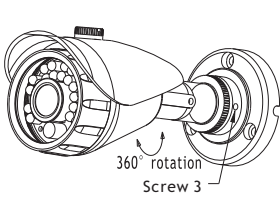Screw 3
Figure 2

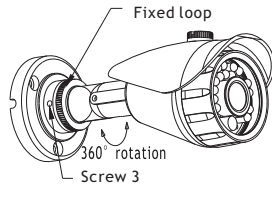Figure 2,loosen the screw3
and the fixed loop to rotate 360°

Fixed loop
360° rotation
Screw 3
Figure 3

Figure 3,loosen the screw3
and the fixed loop to rotate 360°

180° vertical rotation
Screw 2
Figure 4
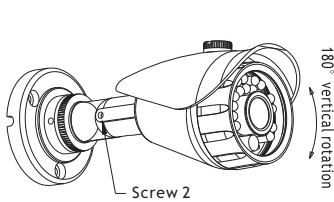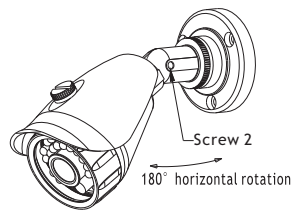
Screw 2
180° horizontal rotation
Figure 5

Figure 4 and 5,loosen the screw2 to rotate 180°
from up to down or from left to right

64.5mm
Ø57.5mm
70mm
139.5mm

Pick Up Device	1/3" Pixelplus 1099K CMOS
Total Pixels	976H*496V
Scanning System	2:1 Interlaced
Sync.System	Internal
Resolution	700TVLines
Lens	3.6mm
Mini Focal Distance	20cm
AGC	Auto
Day/night	Ext
White balance	Auto
S/N Ratio	>47dB(AGC off)
Electronic Shutter	Auto
Video Output	1.0Vp-p composite video,75Ω
Min. Illumination	0Lux(IR ON)
Power Source	DC12V±10%
Power Consumption	DC12V/200mA,2.4W
IR LED	24Units infrared LED
IR Distance In Effect	75feet
IR Illumination	3Lux
Environmental Resistance	IP66
Operation Temperature	-20℃~55℃
Dimension	139.5*64.5*70mm
Weight	285g

＊ Specifications are subjected to change without notice.