

HIGH RESOLUTION BOX CAMERA



FEATURES

SONY Effio-P Solution

Normal Lighting Environment: True color output, high resolution with smooth and rich details, with 2D/3D Noise Reduction

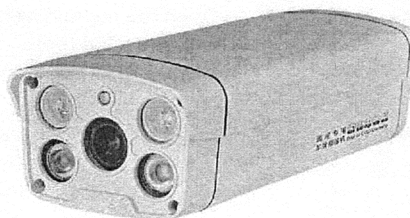
Backlight Environment: Super Wide Dynamic Range, Dual Scan CCD, vivid image reproduction

Lowlight Environment: Minimum Illumination 0.05LUX/F1.2, Capturing sharp and clear image at night, switching color mode from daytime color into nighttime monochrome

Application Scopes: Applications demanding high resolution video such as Bank, ATM, harbor etc.

SONY Effio-P (CXD4129+CXD5148+ICX663AK/IC662AK), Horizontal Resolution: 650TVL
OSD Menu
Motion Detection
Privacy Mask
Digital Image Stabilizer, E-Zoom and more

Effective Pixels PAL: 967H*582V
NTSC: 967H*494V Mirror Mode Vertical/ Horizontal
CCD Model Exview HAD CCDII
ICX663AK/IC662AK ATR-EX (WDR) On/ Low/Middle/Full
System PAL/NTSC Language Chinese/ English/ Japanese
Minimum Illumination 0.05LUX/F1.2 Motion Detection ON/OFF
Color Rowing Control ON/OFF EZOOM 0-255
Back Light Compensation Highlight Compensation;
Backlight Compensation On/Off Lens Interface C/CS Optional
Electronic Shutter 1/50(1/60) ~1/100000 Sec Operation Voltage
DC12VDSI / (Digital Image Stabilizer) ON/OFF Operation Temperature -10 ~ +50centi-degree
Exposure Mode Electronic Mode/Auto Iris Exposure Optional Operation Current 145MA

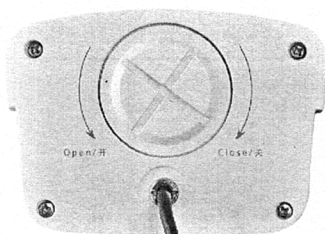


SPECIFICATIONS

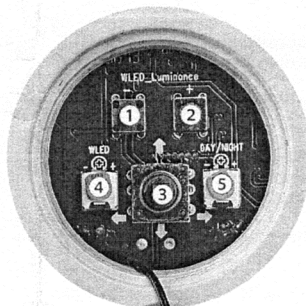
Image Sensor	1/3" SONY Super HAD II CCD
Signal System	PAL or NTSC
Horizontal Resolution	> 650TVLines(Color)/700TVLines (B/W)
Effective Pixels	PAL:976(H)×582(V);NTSC:976(H)×494(V)
S/N Ratio	More than 60dB
Min.Illumination	0.03Lux;0.00005Lux (Slow Shutter)
Lens	C&C Smount Lens: f=4,6,8,12,16; Lens: f=2.8,3.6,6,8,12mm
Electronic Shutter	1/50-1/100000sec(PAL),1/60-1/100000sec(NTSC)
Slow Shutter	Sens-up (Digital Slow Shutter) /52
White Balance	AWB/ATW/AWC-SET/Manual
DNR	2D, 3D Double DNR
Auto Gain Control	On/Off
BLC	On/Off
Electronic Amplification	Off/1~*256
Motion Detection	Support, Picture Promptand
WDR	Digital WDR or Super WDR modes
HLC	On/Off
Day & Night	Support
RS485 Communication	Support
Privacy Masking	15 User Areas defined quadrangle points(quadrilateral)
Synchronization	Internal
Video Output(s)	1.0Vp-p,75 Ohm
Built-In Lens	2.8-12mm/6-22mm
Power	DC12V
Power Consumption	1.5A
Operating Environment	-10℃~+50℃, RH90% MAX (non-condensing)
Dimension	270mm(L)×110mm(W)×77mm(H)
Notes	1.5Kg

Installation instructions

It is a special smart camera for roads and parking lot entrances automobile license plate image acquisition. The machine is built-in night vision infrared lamp and white light. When vehicles come close, white light will open automatically to ensure clear color license plate image information is collected. When vehicles left, white light will automatically shut down, and infrared lamp will automatically open to continue monitoring the driveway and surrounding area. In order to ensure the machine can work normally, please read the following content carefully before installation.

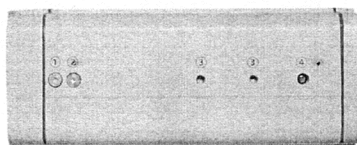


Open the menu cover with provided tools according to direction shown

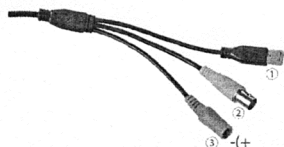


1. Continuous press, white light become weak
2. Continuous press, white light become strong
3. Motherboard OSD
4. White light photosensitive adjusting button
5. IR photosensitive adjusting button

1. : According to the scene of the environment, continuous press on ① or ② to choose the best white light luminous intensity
2. ③ is main menu, can change the motherboard Settings
3. Adjust ⑤ according to the on-site environment to determine the infrared lamp and white light opening/closing of sensitivity , Adjust ④ can choose to confirm White-light opening/closing of sensitivity.



1. Camera manual zoom button
2. Camera manual focus button
3. Bracket mounting holes
4. photosensitive switch



1. External signal input(3.3V-12V)
2. Video output
3. power

· Select the suitable monitoring focal length by manually adjusting the lens zoom and focus button

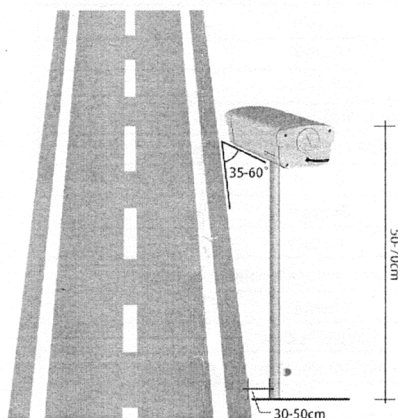
· PDon' t cover the photosensitive switch.(Away from bracket, 5-10 meters)Otherwise it will affect the infrared and white light open and close

· Input voltage is DC12 V, Max consumption current is 800 MA

· Infrared and white light is controlled by photosensitive switch built-in

· Or through left picture 1 connection terminal(positive/negative) to input external control signal(For example, from brake control box and sense controller) to control white light open and close (input voltage DC 3.3V-12V), This pattern has no requirement to installation angle and height.

Installation Instruction



If through built-in photosensitive switch to control the opening of white light , please follow the above picture on site. The height from machine to ground please control between 50-70 cm, about same level of capture location (Camera about 15 degrees tilt angle down). The distance from lane is about 30-50 cm and lane Angle of about 35 to 60 degrees. For details, please adjust according to the actual environment.