

Specification

Model	KIR-H639D60
Pick up Element	1/3" SONY Super HAD CCD II
Effective Picture Elements (HxV)	NTSC:768(H)x494(V) PAL:752(H)x582(V)
Horizontal Resolution	650 TV Line
Minimum Illumination	0.001 Lux 0Lux (with IR LED ON)
S/N Ratio	More than 50dB
Scanning System	2:1 interface
Synchronous System	Internal, Negative sync.
Auto Electronic Shutter	NTSC: 1/60s~1/100,000s, PAL: 1/50s~1/100,000s
Gama Characteristic	0.45
IR Distance	60 Meters (with \varnothing 5X72PCS Infrared LED)
IR Status	Under 10Lux by CDS
IR Power On	CDS AUTO Control
Video Output	1Vpp, 75 Ω
Auto Gain Control	Auto
Power/Current	DC12V(+/-10%)/800mA
Lens	2.8-12mm Manual Zoom Lens
Dimension (mm)	255(W)x110(H)x105(D)
Weight (g)	1620
Storage Temperature	-30~+60 $^{\circ}$ C RH95% MAX
Operating Temperature	-10~+45 $^{\circ}$ C RH95% MAX

Packing List

No	Name	Model	Number
1.	Weatherproof Day/Night IR Color Camera	KIR-H639D60	1
2.	User Guide	KIR-H639D60	1

Franchiser:

KIR-H639D60 Color Camera

Weatherproof Day/Night IR Color Camera



Notes : Before providing power for the camera, please read this User Guide in detail!

Do not attempt to disassemble the camera. If the camera can not work, please contact local franchiser or our company.

BRIEF OF PRODUCT

* Sensor (CCD)

Adopt SONY 1/3" CCD Sensor.

* Auto Gain Control (AGC)

Built-in auto gain control (AGC) circuit. The color camera can get high definition picture in low Lux condition.

* Scanning Mode

NTSC or PAL mode.

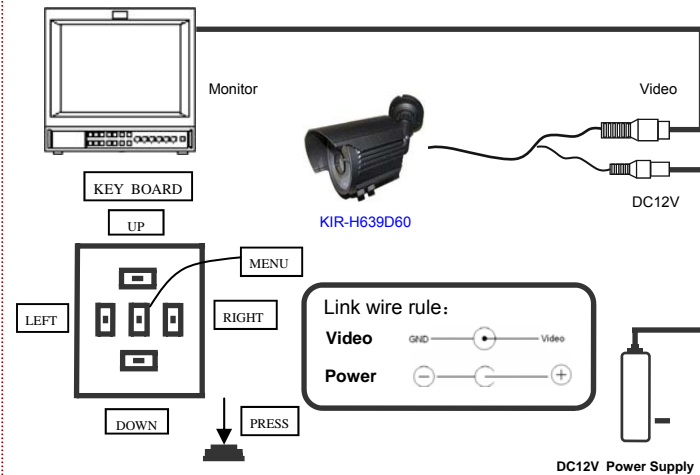
* Water Resistance

IP66.

* OSD SETTING

	LENS	MANUAL/DC/VIDEO	
	EXPOSURE	SHUTTER	AUTO,1/50,1/250,1/500,1/1000,1/2000,1/4000 1/5000,1/10000,1/100000
BRIGHTNESS		0-255	
AGC		OFF/LOW/MIDDLE/HIGH	
DWDR		ON/OFF	
RETURN			
WHITE BAL	ATW1/ATW2/AWC->SET		
	MANUAL	COLOR TEMP/BLUE/RED	
BACKLIGHT	OFF/BLC/HLC		
DAY NIGHT	AUTO / COLOR / B/W		
DPC			
OSD SET	CAM TITLE	ON/OFF	
	MOTION	OFF	
		AREA SEL./AREA STATE/HEIGHT/WIDTH /LEFT/RIGHT/TOP/BOTTOM/DEGREE/VIEW	
	PRIVACY	OFF	
		AREA SEL./AREA STATE/LEFT/RIGHT /WIDTH/TOP/BOTTOM/HEIGHT/COLOR	
	PARK.LINE	ON/OFF	
	IMAGE ADJ.	LENS SHAD./2DNR/MIRROR /FONT COLOR/CONTRAST/SHARPNESS /DISPLAY/NEG.IMAGE	
	COMM ADJ.	CAM ID/BAUD RATE/PROTOCOL /DISPLAY ID/ID POS	
	LANGUAGE	CHINESE/ENGLISH	
	VERSION		
RESET	FACTORY RESET		
	RETURN		
EXIT			

CONNECTING



TROUBLE AND SOLUTION

1. No Picture after providing power

- May be the power supply voltage abnormality, please check the power supply voltage and pole whether exactitude.
- Please check all the connecting cable and monitors whether be connected correctly or not.

2. The picture level direction have flowing interference ripples

- May be caused by the power supply AC ripples, it need filter the wave of the power supply.
- Check the monitor and peripheral equipments used.

3. The picture background color changes continuously

- The fluorescent lamp's electromagnetic field cause color roll. This is proper phenomenon of the cameras.
- Reduce the fluorescent lamp numbers or increase the distance between the camera and the fluorescent lamps can improve it.
- Use power supply external sync. camera can solve it.

4. The picture smear too mass

- The power supply's voltage unstable.
- Connecting cables not connect correctly or have high impedance.



Notes:

- The power supply must through safe attestation. Its output voltage, current, voltage polarity and operating temperature must match the camera's requirement.
- When using the camera in the thunderbolt condition, please note to mount Anti-thunder device or put off the power supply plug and cable.
- In order to capture high quality pictures, the power supply's cable and video output cable should not be too long.

INTRODUCTION

Congratulations on your purchase of this product. This User Guide suits KIR-H639D60 series product. We adopt the latest SONY technical of sensor and driver. The most attractive characteristics are small and easy hidden, suits the elevator and corridor. In addition, it owns the characters of high definition and stability, strong anti-jamming, rich and real color. Fixing and using this model are convenient too. It is very good for you to apply to your CCTV system.

Please read this instruction manual carefully to ensure proper use of the product.



The symbol is intended to alert the user to the presence of important operating and maintenance (servicing) Instructions in the literature accompanying the appliance.



The symbol is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient Magnitude to constitute a risk of electric shock to persons.

 SHOCK	CAUTION: RISK OF ELECTRIC. DO NOT OPEN	
	CAUTION: TO REDUCE THE RISK OF ELECTRIC DO NOT REMOVE COVER OR BACK NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING	

CAUTION: TO PREVENT ELECTRIC SHOCKS AND RISK OF FIRE HAZARDS, DO NOT USE OTHER THAN SPECIFIED POWER SOURCE.



Note:

- Please note the camera's operating temperature and its using environment requirement. Avoid using the camera at too high or too low temperatures. The operating temperature is -30~+60°C. (Recommendatory operating temperature is -10~+45°C.)
- Never make the camera face the sun or bright object. Otherwise, it will damage the CCD.
- Do not mount the camera near by the radiator or heater.