

## Specification

Model	DA-S36
Pick up Element	1/3" SONY
Effective Picture Elements (H×V)	NTSC: 768(H)×494(V) PAL: 752(H)×582(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
Gamma Characteristic	0.45
IR Distance	12 Meters (with $\phi$ 5X15PCS Infrared LED)
IR Status	Under 10Lux by CDS
IR Power On	CDS AUTO Control
Video Output	1Vpp, 75 $\Omega$
Auto Gain Control	Auto
Power/Current	DC12V (+/-10%)/500mA
Lens	Board Lens 3.6mm/F2.0
Dimension (mm)	$\phi$ 105x 79.8(H) mm
Weight (g)	300
Storage Temperature	-30~+60 $^{\circ}$ C RH95% MAX
Operating Temperature	-10~+45 $^{\circ}$ C RH95% MAX

## Packing List

No	Name	Model	Number
1.	Plastic IR Dome Camera	DA-S36	1
2.	User Guide	DA-S36	1



## DA-S36 Color Camera

### Plastic IR Dome Camera



**Note:** 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.

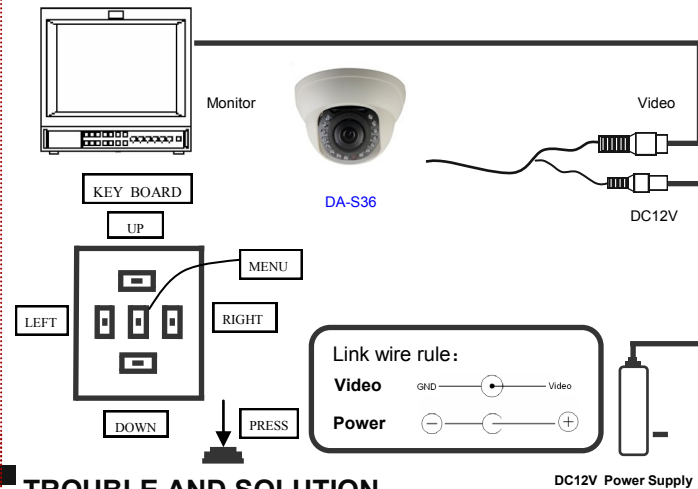
### \* Scanning Mode

NTSC or PAL mode.

### \* OSD SETTING

OSD SET	EXPOSURE	LENS	ELC/DC
		HBLC/D-WDR	BLC/HLI/D-WDR
		AGC	OFF/LOW/MIDDLE/HIGH
		3D DNR	OFF/LOW/MIDDLE/HIGH
		SENSE UP	AUTO/OFF/X2/X4/X8/X16/X32/X64/X128/X256/X512
		EXIT	
	COLOR	WB MODE	ATW/MANUAL/AWC>PUSH/AWC
		R-Y-GAIN	0~256
		B-Y-GAIN	0~256
		EXIT	
	DAY&NIGHT	D&N MODE	AUTO/COLOR/B&W/EXT
	FUNCTION	MIRROR	ON/OFF
		SHARPNESS	0~30
		LSC	ON(0~30)/OFF
	MOTION	MOTION	ON/OFF
		AREA SEL	TOP/BOTTOM/LEFT/RIGHT
		SENSITI	0~30
		DISPLAY	OFF/ICON/TRACE
		HOLD TIME	0~15 Unit: sec
		ALARM	ON/OFF
EXIT			
PRIVACY	MASK1~MASK8	ON/OFF	
SETUP	TITLE	OFF/ON: 64characters	
	DPC	OFF/MANUAL: WHITE THR 0~255/BLACK THR 0~255/DPC LEVEL:0~255	
	OLPF	650/850	
	MONITOR	CRT/LCD	
	GAMA	0.45/0.60/1.0/USER	
	EXIT		
SYSTEM	CAMERA ID	0~255	
	COMMUNI	PROTOCOL:PELCO-D	
		BAUDRATE:2400/4800/9600 bps	
		RETURN	
	LANGUAGE	CHINESE/ENGLISH	
EXIT			
EXIT	FACTORY SET		
	SAVE&EXIT		
	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.



#### Note:

- 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 DA-S36 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.

CAUTION:

**RISK OF ELECTRIC. DO NOT OPEN**

**SHOCK**  
**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.