

SIRD24-75443
SIRD24-75460
SIRD24-74243
SIRD24-74260
SIRD24-75443P
SIRD24-75460P
SIRD24-74243P
SIRD24-74260P

Operational Manual

Indoor IR Dome Color Camera



 Please read the Operational Manual before attempting to use this product.

FEATURES

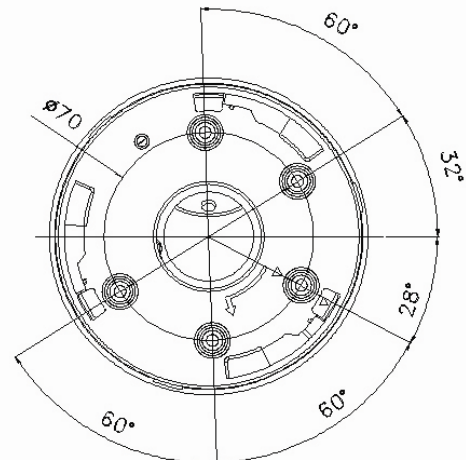
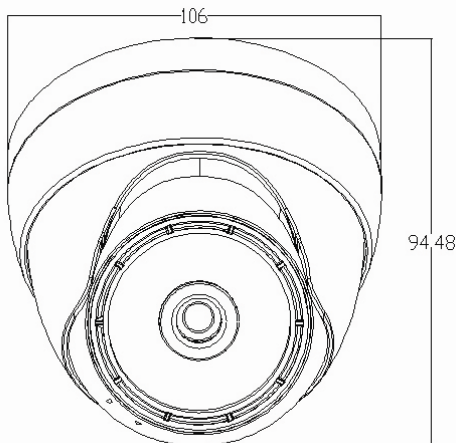
SIRD24-75443 / SIRD24-75460 **SIRD24-75443P / SIRD24-75460P**

- 1/3" Sony Super HAD CCD
- 540 TV Lines, HQ-1 DSP
- Built-in 24 IR LED
- 4.3mm or 6.0mm Standard Lens (Made with double glass to avoid halos and blurs)
- 0.4 Lux @ F2.0 (w/o IR)
(Color mode auto switches to B/W under 1.0 Lux)
- IR Distance 30~50ft / 10~15m
- 165mA @ IR "off" / 345mA @ IR "on"
- 12V DC

SIRD24-74243 / SIRD24-74260 **SIRD24-74243P / SIRD24-74260P**

- 1/3" Sony Super HAD CCD
- 420 TV Lines
- Built-in 24 IR LED
- 4.3mm or 6.0mm Standard Lens (Made with double glass to avoid halos and blurs)
- 0.4 Lux @ F2.0 (w/o IR)
- IR Distance 30~50ft / 10~15m
- 90mA @ IR "off" / 270mA @ IR "on"
- 12V DC

DIMENSIONS (Unit: mm)



SPECIFICATIONS

Model	SIRD24-75443 SIRD24-75460	SIRD24-75443P SIRD24-75460P	SIRD24-74243 SIRD24-74260	SIRD24-74243P SIRD24-74260P
TV System	NTSC	PAL	NTSC	PAL
Image Sensor	1/3" Sony Super HAD CCD			
DSP	Sony HQ-1		Sony	
Total Pixels	811(H) × 508(V)	795(H) × 596(V)	537(H) X 505(V)	537(H) X 597(V)
Video Output	1.0 Vp-p Composite, 75 ohms (BNC Connector)			
Resolution	540 TV Lines		420 TV Lines	
Minimum Illumination	0.4 Lux @ F2.0 (w/o IR) 0 Lux (w/ IR) IR LED "on" @ F2.0 Controlled by a CDS Sensor Color mode auto switches to B/W under 1.0 Lux		0.4 Lux @ F2.0 (w/o IR) 0 Lux (w/ IR) IR LED "on" @ F2.0	
Scan System	2:1 Interlace			
S/N Ratio	More than 48dB (AGC OFF)			
Electronic Shutter Speed	1/60~1/100,000sec	1/50~1/100,000sec	1/60~1/100,000sec	1/50~1/100,000sec
Synchronization	Internal			
Gamma Control	r = 0.45			
Gain Control	Auto			
White Balance	3200°K ~ 9200°K			
IR LED	24 Unit IR LED / Life: 6,000hrs			
IR Wavelength	850nm			
IR Working Distance	30~50ft / 10~15m			
IR LED Power Switchable	CDS Auto Control			
Lens	4.3mm or 6.0mm Standard Lens (Made with double glass to avoid halos and blurs)			
Power Supply	12V DC +/- 10%			
Power Consumption	165mA (2.0W) @ IR "off" 345mA (4.2W) @ IR "on"		90mA @ IR "off" 270mA @ IR "on"	
Operation Temperature	14°F ~ 122°F / -10°C ~ +50°C			
Storage Humidity	Maximum: 85%RH			
Dimension	4.17" (φ) x 3.72" (L) / 106mm(φ) x 94.48mm(L)			
Weight	0.61lbs / 275g			

*Specifications are subject to change without notice

LIST OF COMPONENTS

- One (1) SIRD24-75443/SIRD24-75443P, SIRD24-75460/SIRD24-75460P, SIRD24-74243/SIRD24-74243P, or SIRD24-74260/SIRD24-74260P Camera with video/power cable
- One (1) Ceiling Top Plate
- Five (5) Wall Anchors
- Five (5) Mounting Screws
- One (1) Screw
- One (1) Operational Manual

* For any returns, please include all components listed above with original packaging in **Resalable Condition**. **Absolutely No Returns** will be accepted if any component is missing/damaged or if any cable is cut or tampered with.

INSTALLATION INSTRUCTIONS

1. Drill 20mm (3/4") holes in the ceiling for installation template and then align the mounting plate to the holes you have made (Fig.1). * Use the applied template to mark the appropriate mounting position on the ceiling.

Ceiling Top Plate



Figure 1. On the ceiling

2. Directly install on any horizontal or vertical surface (Fig.2).



Figure 2. On any surface

3. Fixed with wall mount bracket (Fig.3).



Figure 3. On the wall

CAMERA ADJUSTMENT

The 3-AXIS design enables easy adjustments for every angle. It allows you to adjust the camera at any angle, while an equipped bracket restricts the camera to only one angle.

1. X-axis



Tilting View
Angle range is 0°~180°



2. Y-axis



Rotating View
Angle range is 0°~360°



3. Z-axis



Panning View
Angle range is 0°~360°



CAUTIONS

1. Never point the camera toward the sun

Do not expose the lens directly to the sun or to strong light as this may damage the pick-up device.

2. Handle this camera with care

Avoid any shock or bumping of the camera. Improper handling could damage the camera.

3. Requires a proper operating environment

This camera is designed for indoor use. The allowable temperature range for operation of this camera is between 14°F ~ 122°F / -10°C ~ +50°C and the allowable humidity is 85%RH maximum.

4. Clean the front face to the pick-up device

It is recommended that the pick-up device surface be cleaned before lens installation or whenever the lens is changed. Cleaning should be done by using a chamois, a very fine soft cloth, lens tissue, or cotton tipped applicator and ethanol to carefully remove any fingerprint or dust.

5. Check the power source voltage

The power source voltage should be within the specified range. (Camera must meet the specifications). Camera must be connected to a surge protector at all times.

6. Objects and liquid entry

Never push objects of any kind into this camera as this may touch dangerous voltage points of short out parts that could result in a fire or electric shock. Never spill any kind of liquid on the video product.

7. Servicing

Do not attempt to service this video product by yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all service to qualified servicing personnel.

8. Damage requiring service

Unplug this video product from the wall outlet and refer service to qualified servicing personnel under the following conditions:

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the video product.
- If the video product has been exposed to rain or water.
- If the video product has been dropped or the cabinet has been damaged.
- When the video product exhibits a distinct change in performance.



WARRANTY

OK-I USA Products are covered under warranty for one year from the date of purchase. The warranty will automatically be voided if any of the following occurs:

1. Camera sticker is removed

If the camera sticker is removed, we will not be able to confirm any information regarding when and where the product was purchased. We have no other way to verify the purchase record without the serial number on the camera sticker; therefore, it should not be removed.

2. Camera is modified in any way

If the camera is scratched, damaged, or modified in a manner not described in this manual, the warranty will be voided immediately. It is the customer's responsibility to keep the camera in good condition.

3. Video or power cable is cut

The video cable and the power cable should not be tampered with. Cutting or modifying of the cables will result in termination of the warranty.