

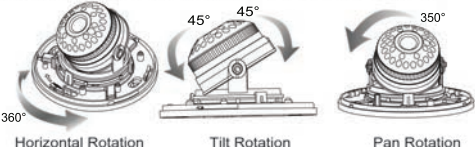
5. Camera Diagram Image Adjustment

- You can adjust the camera to any direction by using Pan, Tilt, and Rotate mechanism.
- Pan Base can be rotated 350°
- Tilt Base covers total 90° angle (45° to each side).
- Angle range of Rotate Base is 360°.



Board Lens With IR LED

3-Axis Movement for Free Lens Rotation



6. Attaching the Dome Cover

After all necessary adjustments have been made reinstall the dome cover to the main body by turning the dome clockwise until it locks in place.



6. Specification

According to the camera purchased, select and refer to the appropriate specification below:

Model No.	RCDS30-2	RCDS12-2
Image Device	1/3" Color CMOS	
Picture Elements	NTSC: 720x480	
Resolution	600 TVL	
Min. Illumination	0 Lux (IR On)	
S/N Ratio	More than 48 dB	
Electronic Shutter	NTSC: 1/60S~1/100,000S	
Gamma	0.45	
Sync System	Internal	
Lens Furnished	Board Lens	
White Balance	Auto	
Gain Control	Auto	
Video Output	1 Vp-p/ 75 Ohms	
Power Supply	DC12V±10%	
Power Consumption	IR LED OFF	60mA max.
	IR LED ON	300 mA max. 180mA max.
Infrared Illuminator Module		
Infrared Luminary	30IR LED	12IR LED
IR Filter	Automatic IR Cut Filter Removal	
Wavelength	850nm	
Power Supply	DC 12V±10%	
Power Consumption	4 W	3W
System Device		
Operating Temp.	-10℃ to 50℃ (14°F to 122°F)	
Operating Humidity	0% RH~70%RH	
Storage Humidity	0% RH~85%RH	
Dimensions	φ141x84 (H) mm	

Note: Design and specifications are subject to change without prior notice.

MEMO



Dome Camera  
with IR Night Vision

Instruction Manual

Thank you for purchasing our product. Before installing this camera, please read this instruction manual carefully to ensure proper use.

1. Safety Precautions

**CAUTION**

RISK OF ELECTRIC SHOCK. DO NOT OPEN!

CAUTION : TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT OPEN COVERS. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems).

- This camera is not sealed against water or water vapor intrusion, and is only intended for indoor use.
- Please do not directly touch the sensor element. If necessary, use a soft cloth moistened with alcohol to wipe off any dust.
- Please avoid places where there is direct sunlight.
- Please avoid places where temperatures exceed 50℃ (122 °F) or more, high humidity or where direct rain drops hit, frequent vibrations, or shocks occur.

2. Description

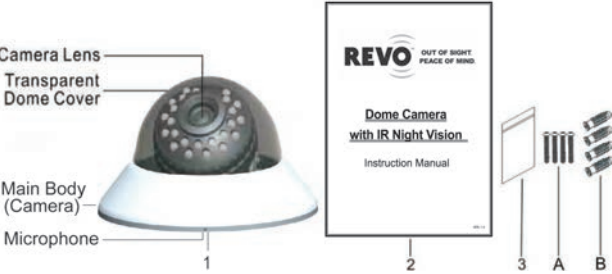
This Infrared Illuminator camera uses a highly sensitive 1/3" interline transfer Complementary Metal-Oxide Semiconductor(CMOS) image sensor, which provides extremely long life and high reliability. This camera offers excellent image quality and functions with low lag and high burn resistance, and is not subject to distortions from magnetic fields.

Easy to install, this camera is an excellent choice for your CCTV system.

3. Feature

- Built-in high quality CMOS camera and high performance infrared illuminator module.
- Total pixels of sensor: NTSC=350Kpixels.
- High sensitivity, low smear, excellent anti-blooming, and high S/N ratio.
- Supports functions: Auto Electronic Shutter (AES), Auto Gain Control (AGC), Auto White Balance (AWB), Back Light Compensation (BLC), and Flickerless mode (FL).
- Automatic IR Cut Filter Removal.
- Low DC power consumption.

4. Contents

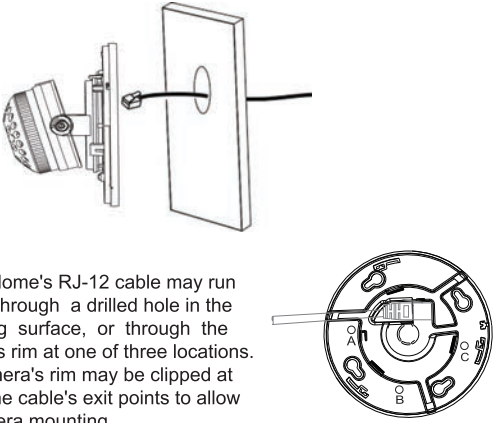


Item	Name of Part	Quantity
1	Camera	1
2	Instruction Manual	1
3	Bag	1
A	Fixed Retaining Screws for Mounting	4
B	Anchor	4

5. Installation & Operation

1. Install Preparation

Drill hole in wall if the cable needs to go through the wall.



Note!

The IR dome's RJ-12 cable may run directly through a drilled hole in the mounting surface, or through the camera's rim at one of three locations. The camera's rim may be clipped at any of the cable's exit points to allow flat camera mounting.

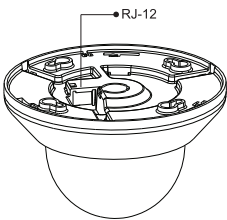
2. Removing the Dome Cover

Remove the dome cover from the main body by gently turning the cover counter-clockwise to unlock and pull free from the main body.



3. Wiring Instructions

Connect the camera to the DVR using RJ-12 cable.



4. Install Camera

Use the 4 screws provided to attach the camera and bracket to the ceiling surface or wall.

