Panel — page 4

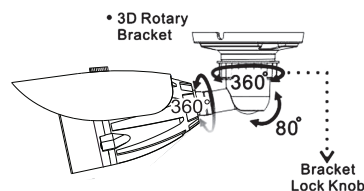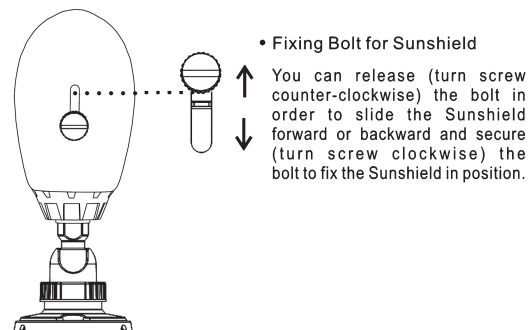3. **Adjust 3-Axis Bracket**
   Adjust the bracket while checking the view angle from the monitor. Loosen the bracket lock knob by turning counterclockwise, after adjusting the 3-Axis bracket (X-Y-Z Axis) to get the desired viewing angle, tighten the lock knob by turning it clockwise.

- 3D Rotary Bracket
- 360°
- 360°
- 80°
- Bracket Lock Knob

4. **Install Sunshield**
   To install the sunshield, please follow the instruction shown below:

- Fixing Bolt for Sunshield

   You can release (turn screw counter-clockwise) the bolt in order to slide the Sunshield forward or backward and secure (turn screw clockwise) the bolt to fix the Sunshield in position.

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6. SPECIFICATIONS

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

Model No.	RCBS30-2	RCBS12-2
Image Device	1/3" Color CMOS	
Picture Elements	NTSC: 720x480	
Resolution	600 TVL	
Min Illumination	0 Lux (IR On)	
S/N Ratio	More than 48dB	
Electronic Shutter	NTSC: 1/60S~1/100,000S	
Gain Control	Auto	
White Balance	Auto	
Gamma	0.45	
Lens Furnished	Board Lens	
Sync System	Internal	
Video Output	1Vp-p/ 75 Ohms	
Power Supply	DC 12V±10%	
Power Consumption — IR LED OFF	60mA max.	
Power Consumption — IR LED ON	300 mA max.	180 mA max.
Infrared Illuminator Module		
Infrared Luminary	30 IR LED	12 IR LED
Wavelength	850nm	
Power Supply	DC 12V±10%	
Power Consumption	4 W	3 W
System Device		
Operating Temp.	-10℃ to 50℃ (14°F to 122°F)	
Construction	Aluminum Case	
Waterproofing Criterion	IP 66	
Dimensions	φ 55x85 (L) mm (Body only)	

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

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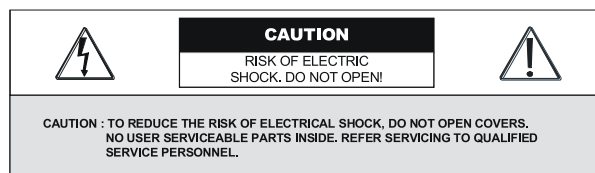5

Panel — cover

REVO™ OUT OF SIGHT. PEACE OF MIND.

Indoor / Outdoor
IR Night Vision Camera

Instruction Manual

VER.:1.0

Panel — page 1

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).

◆ Although the camera is provided with tempered glass, please avoid all direct contact to eliminate contamination, and use cotton balls dipped in cleaning alcohol to clean the window.

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.
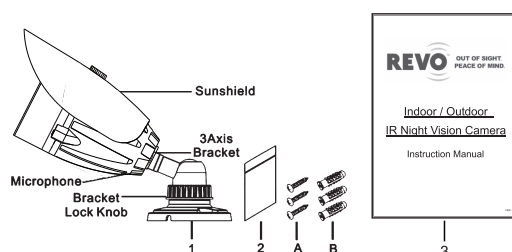
Highly resistant to shock and vibration and easy to install, this camera is an excellent choice for your CCTV system.

1

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3. Feature

◆ Built-in high quality CMOS camera and high performance infrared illuminator module.
◆ Total pixels of sensor: NTSC=350K pixels.
◆ 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).
◆ Built-in board Lens and furnished with mounting bracket.
◆ Automatic IR Cut Filter Removal.
◆ Low DC power consumption.
◆ Dual Window Structure .
◆ 3-Axis Concealed Cable Bracket.
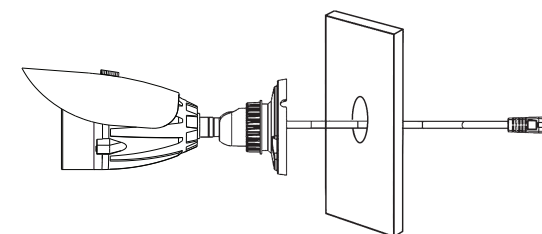◆ Waterproofing criterion: IP66.

4. Content

- Sunshield
- 3 Axis Bracket
- Microphone
- Bracket Lock Knob

REVO OUT OF SIGHT. PEACE OF MIND.
Indoor / Outdoor IR Night Vision Camera
Instruction Manual

1   2   A   B   3

Item	Name of Part		Quantity
1	Infrared Camera		1
2	Bag		1
	A	Fix Retaining Screw for Bracket	3
	B	Anchor	3
3	Instruction Manual		1

2

Panel — page 3

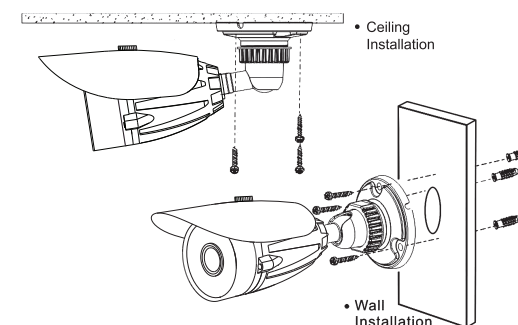## 5. Installation & Operation

1. **Install Preparation**
   Drill hole in wall if wire needs to go through the wall.

2. **Install Camera**
   Use the 3 screws provided to attach the camera and bracket to the ceiling, surface or wall.

- Ceiling Installation
- Wall Installation

3