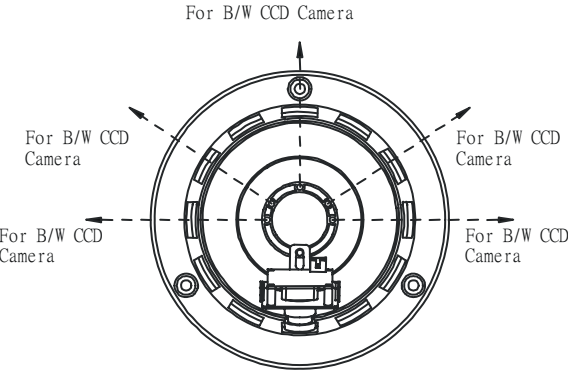


❶ The following diagram shows the location for the other cameras.



- ❷ Fix the camera by the screw. Tear off the black paper of the corresponding view window where the lens faces to.
- ❸ Repeat steps 3 to 6 in the Installation Instructions.

V. Specifications

Pickup Device	1/3" SONY B/W CCD
Picture Elements	510 x 492 (EIA) 500 x 582 (CCIR)
Horizontal Resolution	420 TV lines
Sensitivity	0.04 Lux/F=1.2
S/N Ratio	Over 48 dB (AGC off)
Electronic Shutter	1/50(1/60)~1/100,000
Back Light Comp.	Yes
Gamma Correction	0.45
Video Output	BNC 1.0Vp-p,75 ohm
Sync. Mode	Internal Sync.
Lens Mount	M12 x P0.5
Power Source	12VDC
Power Consumption	3W max.
Dimensions	150 mm (O.D.) x 50 mm (H) ; 5.9" (O.D.) x 2" (H)
Weight	0.283kg ; 0.62lbs
Operating Temperature	0 °C to + 50 °C ; 32 °F~122 °F(20%~80% Humidity)
Certifications	FCC/CE

INSTRUCTION
MANUAL

1/3” B/W CCD Camera

I. General

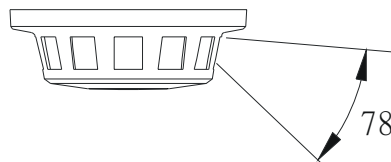
This camera is smoke detectors built with B/W CCD cameras for discreet surveillance. It comes with B/W CCD camera that delivers clear and sharp picture for side viewing; and it is easy to change different lenses to adopt the best view angles for security need. This camera can simultaneously install up to 4 cameras, which is most economic and effective for video surveillance.

II. Precautions

- Do not expose the camera to humidity and dust. Outdoor application without shielding is not recommended.
- Handle with care. This camera consists of sensitive high precision parts. Do not disassemble or install it on an unstable base.
- Operate on +12VDC. Use a regulated power source only.
- Never face the camera toward the sun directly.

III. Installation Instructions

1. The horizontal view angle of the Smoke Detector Camera is 78-degree. Decide the location to install the camera.



Full-Screen Width of View
= 1.6 X Distance between
Camera and Target

2. Visually inspect the contents to ascertain that no damage occurred during shipping.
3. Plug in the attached video and power cable to the camera connector.

4. Connect the video output of the camera to a monochrome monitor or other video device through a 75 ohm type coaxial cable with BNC female connector at cable extension.
5. Connect the +12VDC regulated power source of the camera to the DC 12V Power-in jack with 2mm, center+, outer-plug.
6. Adjust the direction of the lens as per needed.

IV. Installing More Cameras

This camera can accommodate up to 4 B/W CCD cameras. Please refer to the following steps to install the other cameras.