ESP-3420
ESP-3420A With Audio
ESP-3420P
ESP-3420AP With Audio

Operational Manual

Covert PIR Color Camera



This is only a covert camera, not an alarm device. This camera has **NO** PIR function.

FC CE

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

FEATURES

- 1/3" Sony Super HAD CCD
- 420 TV Lines
- 3.7mm Lens
- 0.1 Lux @ F1.2
- Built-in Microphone only for ESP-3420A
- 12V DC

SPECIFICATIONS

Model	ESP-3420	ESP-3420P	ESP-3420A	ESP-3420AP
TV System	NTSC	PAL	NTSC	PAL
Image Sensor	1/3" Sony Super HAD CCD			
DSP	Sony			
Total Pixel (H x V)	510 x 492	500 x 582	510 x 492	500 x 582
Synchronizing System	Internal			
Resolution	420 TV Lines			
Minimum Illumination	0.1 Lux @ F1.2			
S/N Ratio	50dB			
Gain Control	Auto			
White Balance	Auto			
Gamma	0.45			
Electronic Shutter	1/60 ~ 1/100,000sec	1/50 ~ 1/110,000sec	1/60 ~ 1/100,000sec	1/50 ~ 1/110,000sec
Audio	No		Yes	
Video Output	1Vp-p composite / 75 Ω			
Lens	3.7mm Lens / F2.0			
Power Supply	12V DC			
Power Consumption	200mA			
Operating Temperature	-10°C ~ +50°C			
Dimension	70(W) x 120(H) x 48(D) mm			

*Specifications are subject to change without notice

PACKAGE CONTENTS

- One (1) ESP-3420/ESP-3420P Camera with power/video cables or ESP-3420A/ESP-3420AP Camera with power/video/audio cables
- One (1) Angle Adjust Wall Mounting Bracket
- One (1) Operational Manual

CAUTION

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

9. Please follow your local privacy laws and regulations when using covert cameras with or without audio recording in a public setting. Manufacturer and/or distributor are not responsible for any improper usage of this camera.

WARRANTY

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:

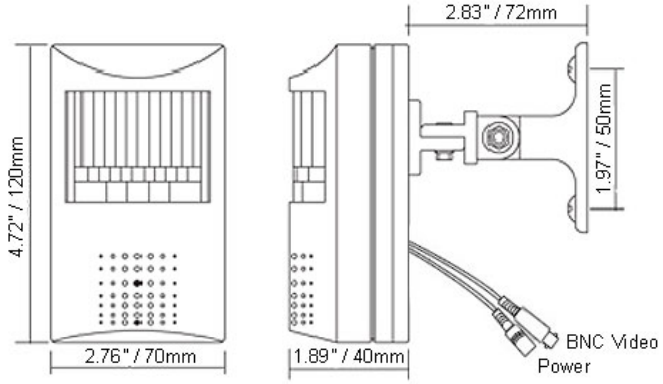
1. Camera sticker is removed
If the camera sticker is removed, we will not be able to confirm any information regarding when and where the product was purchased. We have no other way to verify the purchase record without the serial number on the camera sticker; therefore, it should not be removed.

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.

DIMENSIONS

ESP-3420



ESP-3420A

