

Thank you for choosing this high quality camera, before attempting to connect or operate this product, please read and follow these instructions completely and carefully.

B/W SMOKE DETECTOR CAMERA OPERATING MANUAL

SPECIFICATIONS	
Pick up Element	1/3" B/W CCD sensor
Number of Pixel	510(H)x492(V) <NTSC> / 500(H)x582(V) <PAL>
Iris Mode	Auto Electronic Shutter
Resolution	380 TV lines
Min. Illumination	0.25Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Auto Gain Control	Auto
Video Output	1.0Vp-p composite, 75 Ω
Lens	f3.6mm / F2.0
Power Source	DC12V \pm 10%
Current Consumption	100Ma
Dimension (mm)	32(L) x 32(W)
Gross Weight	140g

WARNING:

1. TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
2. THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

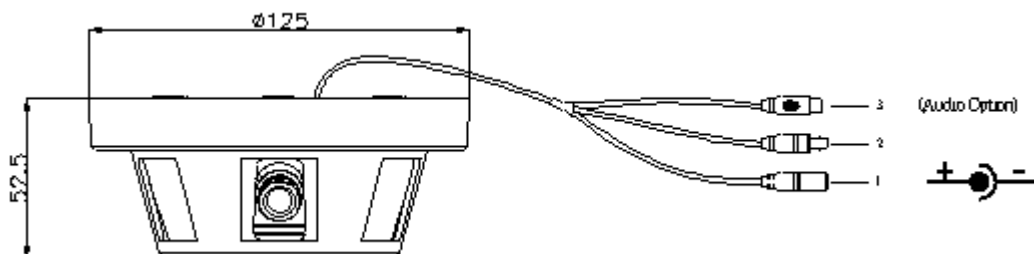
General

This is a B/W CCD smoke detector camera with a 1/3" CCD (charge coupled device) solid-state imaging device, which provides extremely long life and high reliability. The smoke detector camera offers excellent reproducibility with low lag and high burn resistance, and is not subject to distortion from magnetic fields and the camera functions reliability in wide temperature range.

Features

1. 1/3" B/W CCD sensor.
2. 380 TV Lines of horizontal resolution
3. Auto Electronic Shutter
4. Signal-to-Noise ratio of 48dB
5. Minimum illumination of 0.25Lux/F2.0

Major operating controls and functions



1. DC12V Input Terminal: Connect to power supply.
2. Video Output Connector (VIDEO OUT): Connect to video terminal.
3. Audio Output Connector (AUDIO OUT): Connect to audio terminal. (Optional)

Connections

1. Connect to the power cord:
For connecting to the DC 12V regulated power supply.
2. Connect to video input:
For connecting to the 75Ω video terminal with standard 75 Ω coaxial cable
3. Connect to audio input: (optional)
For connecting to the AUDIO IN terminal.

Standard Accessories

1. Main Body x 1 piece
2. Power and Video/Audio cable x 1 piece
3. Instruction Manual x 1 piece

CAUTION

1. Please use correct power adaptor, DC12V (regulated), to operate this unit. The power tolerance of this unit is DC 12V ± 10% (DC10.8V~13.2V), over maximum DC13.2V power input will damage this unit.
 2. Video output (BNC connector) of this unit can be only connected to monitor. Please check the wiring of video output before power on. If the power is offered through video output, the unit will be damaged.
1. 請使用正確電源供應器 (DC12V 穩壓), 此產品可使用電壓範圍為 DC 12V ±10% (DC10.8V~13.2V), 超過 DC13.2V 會損壞此機器。
 2. 此產品 "Video" BNC 接頭直接接監視器, 在提供電源前, 請確認接線正確性。若電源自 "Video" BNC 接頭處輸入會損壞此產品。
1. 本機に使用する電源装置はDC 12V ± 10% (DC10.8V~13.2V)の安定化電源をお使い下さい。13.2V以上の電圧を加えると本装置が破損いたします。
 2. 本装置の映像出力(BNC 接栓)は、電源を入れる前にモニターに接続されている事を確認して下さい。もし、電源が加わると破損する可能性があります。
1. Por favor use el correcto adaptador de energía eléctrica DC12V (regulado) para operar esta unidad, La tolerancia de energía de esta unidad es de DC12V± 10% (DC10.8V~13.2V). Sobrepasar el máximo de DC13.2V de la potencia de entrada dañara esta unidad.
 2. La potencia de salida del video (Conector BNC) de esta unidad puede solo ser conectado al monitor. Por favor revise los cables del video antes de encenderlo. Si la energía es dada por la potencia de salida del video, la unidad se dañara.
1. Bitte schließen Sie das Gerät mit dem Netzgerät (DC12V) an. Die Toleranz der Stromversorgung ist 12V DC ± 10% (DC10.8V~13.2V). Abweichende Werte können zu Beschädigungen am Gerät führen.
 2. Verbinden Sie den Video-Ausgang (BNC-Anschluß) mit dem Video-Eingang des Monitors. Bevor Sie die Spannungsversorgung einschalten, überprüfen Sie bitte den korrekten Anschluß des Video-Ausgangs. Falsche Anschlußbelegungen können zu Beschädigungen an den Geräten führen.