

SUPERCIRCUITS

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.

CD-4 COLOR CCTV CAMERA OPERATING MANUAL

| SPECIFICATION | |
|---------------------|--|
| Pick up Element | 1/4" Color CCD image sensor |
| Number of Pixel | 512(H)x491(V) <NTSC> / 512(H)x581(V) <PAL> |
| Resolution | 350 TV lines |
| Min. Illumination | 1Lux / F2.0 |
| S/N Ratio | More than 48dB (AGC off) |
| Electronic Shutter | 1/60 (1/50) to 1/100,000 sec. |
| White Balance | Auto white balance |
| Auto Light Control | 3 window detect |
| Video Output | 1.0Vpp composite, 75 Ω |
| Standard Board Lens | f3.6mm / F2.0 |
| Lens Angle | 70° |
| Power Source | DC12V \pm 10% |
| Current Consumption | 80mA |

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 NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

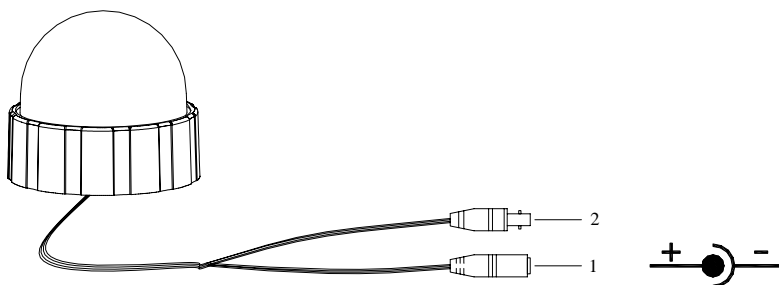
General

This is Color CCD video camera employs a 1/4" CCD (charge coupled device) solid-state imaging device which provide extremely long life and high reliability.. This high quality camera is designed to have very low current consumption of 80mA .

Features

1. 350 TV lines of horizontal resolution
2. Built in Auto Electronic Shutter.
3. Minimum illumination of 1Lux/F2.0
4. Signal-to-noise ratio of 48dB.
5. Low current consumption of 80mA.
6. Long life and high reliability.

Major operating controls and functions



1. DC12V Input Terminal : For connection to power supply.
2. Video Output Connector (VIDEO OUT) : For connection to video terminal.

Connections

1. power cord connection:
This is to connect camera to a 12V DC regulated power supply. (Center tip positive)
2. video output connection:
This is to connect camera to 75 Ω video terminal with standard 75 Ω coaxial cable

Standard Accessories

1. Main Body x 1 PC
2. DC-BNC Connector x 1 PC
3. Instruction Manual x 1 PC

CAUTION

- Please use correct power adaptor, DC12V (regulated), to operate this unit. The power tolerance of this unit is DC 12V \pm 10% (DC10.8V~13.2V), over maximum DC13.2V power input will damage this unit.*
 - 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.*
- 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 \pm 10% (DC10.8V~13.2V), 超過 DC13.2V 會損壞此機器。*
 - 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。*
- 本機に使用する電源装置は DC 12V \pm 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。*
 - 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。*
- 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 \pm 10% (DC10.8V~13.2V). Sobrepasar el máximo de DC13.2V de la potencia de entrada dañara esta unidad.*
 - 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.*
- Bitte schließen Sie das Gerät mit dem Netzgerät (DC12V) an. Die Toleranz der Stromversorgung ist 12V DC \pm 10% (DC10.8V~13.2V). Abweichende Werte können zu Beschädigungen am Gerät führen.*
 - 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.*