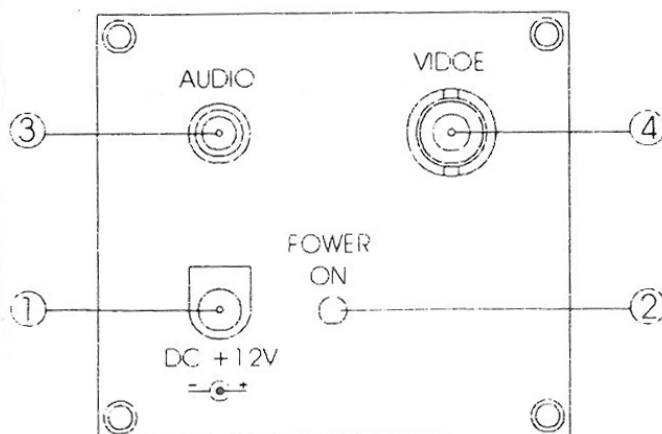


15-CC20 Hardwire-type B/W Camera User Manual

15-CC90 Hardwire-type Color Camera User Manual

1. Rear view (such as fig1)

- ① DC 12V: Input DC +12~15V
- ③ POWER ON: Power On Indication.
- ② AUDIO: Output audio signal
- ④ VIDEO: Output video signal



(Fig 1)

2. Caution for Installation

- 2.1 Avoid places where there is direct sunlight. When using the camera outside.
- 2.2 Be careful, never let any water in this equipment.
- 2.3 Do not directly touch the CCD element. If necessary, use a soft cloth moistened with alcohol to wipe off the dust.
- 2.4 When the camera installs in dust or wet environment, please puts into the camera housing .
- 2.5 Be extra careful not to shake the camera.
- 2.6 Avoid places where temperatures exceed 50 °C or more.
- 2.7 When any abnormalities occur, make sure to unplug the unit and contact your local dealer.

3. Packing

- 3.1 Camera × 1
- 3.2 User Manual × 1
- 3.3 Bracket Holder × 1

4. Specification

ITEMS	15-CC90	15-CC20
TYPE	COLOR	NOMOCHROME
SIGNAL FORMAT	PAL / NTSC	EIA/ CCIR
PICK UP DEVICE	1/4" CCD SENSOR	1/3" CCD SENSOR
PICTURE ELEMENTS	EIA/ NTSC : 512 H x 492 V , CCIR/ PAL 512 H x 582 V	
HORIZONTAL RESOLUTION	330 Lines	380 Lines
MINI ILLUMINATION	2 Lux, F=2.0	0.1 Lux, F=2.0
HORIZ. SYNC.FREQUENCY	EIA/ NTSC: 15.734 KHz, CCIR/ PAL: 15.625 KHz	
VERTICAL FREQUENCY	EIA/ NTSC: 60 Hz, CCIR/ PAL: 50 Hz	
CLOCK FREQUENCY	EIA/ NTSC : 28.636 MHz, CCIR/ PAL : 28.5 MHz	
SCANNING SYSTEM	2:1 INTERLACE	
S/N RATIO	46 dB	48dB
ELECTRONIC SHUTTER	Up to 1/96,000 sec	Up to 1/100,000 sec
LENS	3.6 mm / F 2.0	
WHITE BALANCE	AUTO TRACING	
BACK LIGHT COMPENSATION	NO	
AUTO GAIN CONTROL	NO	
GAMMA.	0.45	
VIDEO OUTPUT	1 V p-p, 75 Ohms	
POWER SUPPLY	12 ~15VCD	
POWER CONSUMPTION	160mA	110mA