

B/W 1/3" CCD Camera Kit

Description

The CCT507 black/white camera uses a high sensitive 1/3" interline transfer CCD and solid state circuitry which provides long life and high reliability. It offers excellent image quality and is not subject to magnetic field distortion. The camera is highly resistant to shock and vibration and is easy to install.

MAIN FEATURES



B/W camera with a 1/3" CCD sensor in a metal case.
Includes a 3.6mm fixed iris lens & mounting bracket.
Pixel number PAL = 320,000.
Reduced fixed pattern noise and lag.
No image distortion and blooming suppression.
Supports: Auto Electronic Shutter (AES)
┌ Auto Gain Control (AGC)
┌ Back Light Compensation (ALC)
┌ Audio Output.
Built in microphone and audio amplifier.
Supports both C and CS mount lens.
12volt DC 150mA low power consumption.

Installation Precautions:

- 1) Do not allow water ingress.
- 2) Do not touch the CCD element. If necessary use a soft cloth moistened with alcohol to wipe away dust.
- 3) Do not shake the camera.
- 4) Avoid places where there is direct sunlight.
- 5) When using this camera where lighting differs greatly, it is recommended that a Manual Iris Lens is utilised with an ND filter.
- 6) Avoid places where temperatures can exceed 50°C, high humidity, direct rainfall, frequent vibrations or shock.
- 7) During the night, if a minimum brightness of 0.1 LUX cannot be achieved, install additional lighting.
- 8) When the camera is not in use, keep the Lens protected by using the Lens cap attached to protect the CCD sensor.
- 9) If any problems occur with the camera please contact the SystemQ Technical Department

Kit Contents:

- 1 CCT507 B/W 1/3" camera
- 1 camera mounting Post
- 3 Mounting Screws and wall plugs
- 1 3.6mm fixed iris lens (Other fixed lenses can be fitted to this camera)
- 1 camera mounting bracket
- 1 Instruction sheet

Installation Instructions:

- 1) A 3.6mm fixed iris lens is supplied with this camera. Other lenses can be fitted. If using a CS mount lens, remove the C Mount Ring.
- 2) Connect the BNC video output to the monitor or other device utilising a 75 Ohms type co-ax cable. We recommend the RG59 co-ax cable.
- 3) Connect the power source using the DC jack. The camera uses a 12v DC supply at 150mA.

Operating Instructions

- 1) Adjust the focus and iris of the lens to obtain the best picture.
- 2) If the subject cannot be correctly focused when adjusting the focus, adjust the Back Focus as follows:
 - a) Set the Lens Focus Ring to infinity
 - b) Aim the camera at a subject at a distance of more than 20 metres away
 - c) Loosen the Mount Lens securing screw using the Allen Key provided
 - d) Turn the Lens and the Lens Mount together until the subject is in focus and the image clear
 - e) Tighten the Mount Lens securing screw.

SPECIFICATIONS

TYPE	CCT507 1/3" B/W CCD CAMERA
Image Pick-up Device	1/3" interline transfer CCD sensor
Picture Elements	CCIR:500(H)x582(V)
Horizontal Resolution	400 TV lines
Minimum Illumination	0.2 LUX @ F1.2
S/N Ratio	More than 48dB
Auto Electronic Shutter	CCIR:1/50s - 1/120,000s
Lens Mount	C or CS mount adjustable
Auto Gain Control	Yes
Power Consumption	DC: 1.5W 125mA
Back Light Compensation	ON/OFF Switchable
Gamma Characteristic	0.45
Synchronous System	Internal. Negative sync.
Video Output	1 Vp-p / 75 Ohms. BNC or F connector
Power Supply	12V DC±10% / 150mA
Audio	Microphone and Amplifier (2 Vp-p / 50 Ohms) RCA connector
Operating Temperature	-10 to 50°C (14 to 122°F)
Weight	185g

Note: Design and specifications are subject to change without prior notice.

