

This CCT670 Portable Microscope Camera with 100x approximate magnification is suitable for inspection of skin, hair, jewellery, insects, fibres and dust particles etc. The unit provides white light from 6 internal LEDs and can project the image onto a monitor or through a computer with a composite video card. The internal 1/3" CMOS camera is powered by a 12v DC supply at 100mA so is an ideal candidate for using as a completely portable unit using our BAT500 battery kit and a portable monitor.



CCT670 Portable Microscope Camera Specs

Image Sensor	1/3" Colour CMOS sensor
Effective Pixels	PAL 628 H x 582 V
Magnification	Approximately 100x
Illumination	6 x white LEDs
Signal to Noise Ratio	More than 48dB
Auto Electronic Shutter	1/60 ~ 1/15000 sec
Gamma Characteristic	0.45
Auto White Balance	Automatic
Synchronous System	Negative sync. internal
Video Output	1v p~p/ 75 Ohms (RCA connector)
Power Supply	12V DC \pm 10%
Power Consumption	100mA / 1.2W
Operating Temperature	-10°C to 40°C
Dimensions	92mm x 46mm x 46mm

Camera Functions



Installation & Operation

Use a 12v DC regulated power supply rated at 300mA to power the microscope camera. Connect to the 2.1 mini power jack on the camera fly lead. Connect the video lead with RCA connector to the monitor/television scart input or to a P.C with an appropriate composite video card input.

Press the ON/OFF button to switch on the microscope camera. The power LED should light and the LED light source will illuminate. Hold the camera close to the object in view and the image will be displayed on the monitor. Press the ON/OFF button to power off the device.

Note: This microscope camera focus adjustment has been set by the manufacturer and should not need adjustment. However if manual focus adjustment is necessary, use an appropriate screwdriver to turn the focus adjuster screw located on the inside of the lens hole.



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