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## CHAMBER CAMERA CC400



Chalco Eleven introduces the latest range of High Resolution CC400 Chamber Surveillance Cameras; the CC400C (colour) and the CC400M (monochrome).

The Cameras are installed in small robust (non pressure) weatherproof type housing and have been specifically designed to be installed inside Decompression and HBO Chambers. This permits optimum use of the Camera. One correctly positioned Camera can monitor a whole Chamber / Lock where two or even three externally mounted Cameras would normally be required.

The Cameras have been tested for a period of 6 weeks to a maximum pressure of 51 bar in an Oxygen/Helium environment.

As a result of their quality and reliability, CE Cameras are in use in commercial diving Chambers and Bells in the North Sea as well as many public and private Health Authority Chambers.

The CC400M (monochrome) is very small and compact weighing only 40 gms. The external dimensions of the Camera are 87mm L x 26mm D. The CC400C (colour) weighs 40 gms and its dimensions are 87mm L x 26mm D. Both types are easily installed in the Chamber using the integral brackets on the Camera or they can be hand-held.

For optimum benefit from these Cameras, a standard High Resolution Colour or Monochrome Monitor is required. Alternatively a Chrominance Invertor will allow the Camera to be connected directly to a standard TV via a coax lead. The Chrominance Invertor converts the Camera signal to a standard RF signal which a TV can accept (model no CV100). This is directly connected to the TV along with the aerial. It does not require a special high cost Monitor as do other Surveillance Cameras. The Cameras produce a clear, sharp picture on to a conventional TV screen and can be recorded on to a Video Recorder.

The CC400C comes complete with a fixed focus wide angle lens (82°) which enables the user to view a very large area with a single Camera. However, if something specific is required in detail, this can be catered for by adjusting the lens to focus this particular area. The Camera produces a picture which is normally focused from 6" to infinity. The lower end can be adjusted.

The CC400C and the CC400M Cameras are designed utilising revolutionary technology which enables them to be compact in size, have longer operating life, higher resolution and be compatible with video systems.

### Design Features

1/3" size CCD  
Total Pixels 795H x 596W  
Better than 470 TV Lines  
Automatic Gain Control  
Infra-red Sensitive  
Electrical Auto Iris

Lens Angle 82°  
Automatic White Balance Control  
CC400M 87 L x 26 D mm (NTSC Optional)  
CC400C 87 L x 26 D mm (NTSC Optional)  
12V DC @ 225mA