

DIVERS HAT MOUNT CAMERA CC620ZXS



The CC620ZXS is a high resolution Digital Colour Camera with 2 x Digital Zoom and is designed for harsh and unpredictable low light underwater use. The Camera has a depth rating of 1500ft MSW. The CC620ZXS is equipped with a specially developed circuitry by Chalco Eleven known as the electric eye.

The CC620ZXS's inbuilt electronic eye will monitor light levels and automatically adjust to the environment.

The Camera will work down to 3 Lux producing clear, sharp images. The Camera decides which light wavelength is the strongest and uses that to illuminate its image.

The maximum sensitivity of the CC620ZXS is 850nm wavelength. Due to its digital processing and the high scanning rate, the Camera is ideal for viewing objects in motion which is suitable for ROVs and mounting on the Divers Hat or hand held as an Inspection Camera. Blurring is totally eliminated. The CC620ZXS will produce high resolution colour pictures (greater than 470 TVL) even at very low light levels. The Camera is provided with a wide angle lens enabling the user to view a very large area with a single Camera without having to adjust any controls. The Camera has a fixed focus lens from 5 inches to infinity.

It should be noted that due to the very high performance of the CC620ZXS (a high resolution Digital Processing Colour Camera), a high resolution Colour Monitor (greater than 470 TVL) is required to match the performance of the Camera. The CC620ZXS comes in a PAL format although NTSC is optional.

The CC620ZXS Camera has a line driver built in for twisted pairs which is capable of delivering high quality colour video signal to a maximum of 1 kilometre on a continuous cable to a receiver at Topside.

CAMERA SPECIFICATIONS

1/4" ExView DSPCCD Chip
Better than 470 TV Lines
Electrical Auto Iris
Automatic White Balance Control
Colour and Monochrome
15 - 24V AC/DC @ 750 mA

Total Pixels 795H x 596V
Automatic Gain Control
Lens Angle 45°
Composite Video 1V p-p (modified)
65mm D x 90mm L ex connector (stainless steel)
Working Depth of 1500ft MSW

