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6.4" UNDERWATER MONITOR CCM-604-03N



The 6.4" Underwater Monitor is designed to serve a multitude of purposes. The CCM-604-03N is a high resolution Colour Monitor for underwater and topside use in air or mixed gas environments ie helium, oxygen and helium mixtures or 100% O₂ environments.

The Monitor is rated to an operating depth of 100MSW. It has an outer housing made from polyethylene and a clear distortion free acrylic lens. The Monitor can be fixed or hand-held by the Diver or a Nurse in the Chamber, displaying high resolution real-time video images, motion or still. The Monitor can take a signal directly from any output 1V p-p @ 75? composite video signal and operating voltage between 12-26V DC or it could be plugged in line with the Underwater Camera CC550UC or any Chalco Eleven Underwater/Topside Monitoring Equipment.

Although the Monitor is compact and slim-lined (195mm x 140mm x 48mm excluding connectors), it has an active area of 130.6 x 97.3mm. It utilises TFT technology to deliver exceptional picture quality, has a high resolution screen 960 x 234 and has a high brightness with 250cd/m² to 300cd/m². It has a very wide viewing angle - typically 150° side to side.

The Monitor is easy to install/operate as it comes fully set up, ready to use. The internal electronic circuitry takes care of all the settings and produces sharp, clear video images time after time from an Underwater Camera or Topside VCR/Controllers. The 6.4" Monitor is comfortable in the water for as long as desired, however, it can only be used for short periods in mixed gas environments.

Features

PAL / NTSC video input
960 x 234 High resolution screens
Wide voltage input 12V-26V
Viewing angle. Typically 150° side to side
High brightness 250 cd/m² to 300 cd/m²
15,000 hours high life on back lights
Low power consumption

Specifications

Display: 6.4" TFT LCD
Resolution: 960 x 234
Active Area: 130.6 x 97.3
Backlight: CCFT
Input Signal: Comp Video @ 75?
Power: 12-26V DC
Dimensions: 195mm x 140mm x 48mm

CONNECTOR CE-LP-IL-4FS

| | | | |
|-----|---|-------|--------------|
| PIN | 1 | BLACK | VIDEO SCREEN |
| PIN | 2 | WHITE | VIDEO CORE |
| PIN | 3 | RED | 12-26V DC + |
| PIN | 4 | GREEN | 0VDC - |