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## **DOME CAMERA CE-D-24100-04f**



Chalco Eleven Limited introduces the floating head 360° Dome Camera CE-D-24100-04 which is a precision/compact unit (230 x 175mm), offering a wide variable speed range, zero backlash together with a large pre-set memory for positions, sequences (tours) and alarm response. It has a switchable colour/monochrome camera with an 22:1 optical zoom lens plus x 4 digital enhancement.

The unit has a comprehensive set of features as standard, which can be tailored for individual preferences. These can be easily accessed through an internally generated set of menus overlaid on the video signal. The Chalco Dome is rated to a depth of 100ft and has a 6 pin stainless steel connector. Only 4 pins are actually used: 2 for power and the other 2 for video/telemetry.

The Chalco Dome is totally digital and programmable whereby the user can set virtually any perimeter of use from as simple as setting the video output amplification to repeatability arc. The Chalco Dome is capable of producing high video resolution (more than 470TVL) at light levels 0.2 lux and has the capability of auto switching to monochrome if the light level drops to below colour sensitivity. This is achieved with auto focusing and manual override. Most of all, the Chalco Dome is easy to programme, simple to use and on initial switch on the Dome will perform its own test then tell the user that the Dome is functioning correctly, This takes approximately 20 seconds. Then it reverts to its last position prior to switch off.

The video signal also carries the multiplexed telemetry for camera controls: pan, tilt, zoom, menu. The Camera is capable of operating from 17-24V AC/DC 40Hz-400Hz.

The Chalco Dome is designed to be used underwater or topside for mixed gases or air diving. When underwater, the internal heater and blower unit regulates the unit's temperature. The housing is specially designed so that it will not corrode or absorb water. All other materials which are exposed to sea water are stainless steel allowing the unit to be left submerged for prolonged periods.