SHC & SDC Underwater and Harsh Environment Video Cameras

Hands Free Video

SHC- Diver mounted video camera, is a small, lightweight, high performance video camera that can be hood/helmet mounted as well as handheld. The SHC is a fixed focus system that will see everything the diver sees and more with a focal range from 4" (10cm) to infinity. This means truely hands free operation. The SHC is available in B/W (SHC-MD) and Color (SHC-CD) and comes standard with Sartek's locking wetmate connectors. The SHC can be connected to a variety of different video recorders that can be contained in a diver carried enclosure (Sartek WSR) or connected to a surface tether to be viewed and recorded remotely. The camera only requires 12VDC input; there are no external circuits required. The SHC produces a high quality video output that can be connected to most video recorders, monitors, and televisions.



SHC Head Camera

Video Signal System Signal Output Scanning System Resolution (Color) (B/W) Sensitivity (Color) (B/W) Depth Rating (tested) CD ALUM & SS NTSC or Pal 1Vp-p/75 Ohms 2:1 Interlace > 570Lines > 600 Lines .03 Lux .0003 Lux 360 feet/120M >1000 feet/ 333 M



SDC Drop Camera with Poly Overbraid

Preview Your Dive

SDC- Video drop camera incorporates the same electronics as the SHC but in a ruggedized Aluminum (AL) or 316 Stainless Steel (SS) housing. The standard SDC system comes complete with 150' (46m) of water- blocked cable with a Kevlar[®] (2000 lb. test) internal strength cord, power supply, interface box, and cables to connect to any TV/Monitor or recorder. The SDC comes with four remotely controlled LED lights for close inspection situations.

Options:

Pole mount for hull and bulkhead inspection Custom cable lengths to 1000ft (333M) Poly-rope over-braid Pistol Grip Halogen or Hid Lights Hood/Helmet Mount Waterproof Monitor/Power Supply Box Wireless Link Tow Adapter

Gamma Shutter Speed (Color) (B/W) Illumination (SDC) Power Requirements Power Consumption Size (SS & Alum) (Delrin*) Temperature Range (tested) Shock Test .45 1/60-1/100,000 SEC 1/50-1/80,0000 SEC (4) LEDS White or Infrared DC 12.0 Volts +/- 1.0 Volt 120 MilliAmps 3.750 x 2.250 Dia 3.00 x 1.75 Dia -100°F to 212°F 15G

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Specifications

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