

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 truly 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



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

Specifications

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

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



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