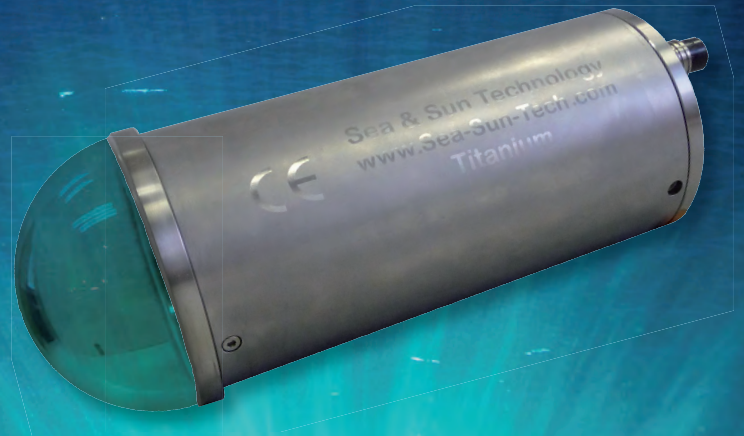


HDCS 11

High Definition Camera



The HDCS is a deep sea camera, which allows local storage of recording in Full HD and provides the user a Live Streaming in 720p. The camera is fully controllable via Software. An additional serial channel allows the use of sensor and devices (e.g. Releaser or PTZ devices).



General

- All functions controllable via software during operation
- Ideal in combination with Sea & Sun Technology Telemetry System
- User-friendly software for control and storage of live streams
- Controllable functions e.g. focus, zoom, record, exposure
- Videos and photos read out via USB connection without opening the housing

Environmental

- Operation temperature 0–50°C (32–104°F)

Mechanical

- Titanium housing
- Depth up to 6000 metres
- Dimension: diameter 110mm, length 290mm
- Weigh: In water 3.6 kg, In air 5.1 kg

Optical

- 10x optical zoom
- Autofocus/ manual focus
- Lens $f = 4.25 - 42.5\text{mm}$; $F/1.8 - 2.8$
- 30.4mm wide-angle
- Min. illumination 0.1 Lux

Electrical

- 1/3-inch HD CMOS sensor
- Power 18–48V DC
- Size of video Recordings:
Full HD: 1920 x 1080 pixels
XP+, SP, LP mode:
1440 x 1080 pixels
- Size of photos:
1920 x 1080 pixels
- AVCHD video compression:
MPEG-4 AVC/H.264
- Built-in memory:
32 GB + 128 GB optional

