

Ocean Presence Technologies



The OceanCam® OPT-06BHD/06BUHD delivers broadcast-quality audio and video up to 4K with smooth PTZ control for professional webcasting. It's compatible with VISCA joysticks and VISCA over IP, making it easy to integrate with your existing AV installations. Offering enhanced security features such as signed firmware and secure boot, it ensures the integrity and authenticity of the firmware. With H.264 and H.265 significantly reduces bandwidth and storage requirements without compromising image quality.

Building on the proven reliability of our standard PTZ underwater cameras, the OPT-06BHD/06BUHD has several advanced features. The Internet-ready camera supports H.264 and can deliver excellent 16:9 picture quality. This imaging system uses a Progressive scan RGB CMOS 1/2.5" image sensor. An optical zoom of 30x and a 12x digital zoom allows for 360x combined.

Several other camera options support 1080p with frame rates up to 60 fps while the 4K camera has a frame rate of 30fps. The high-speed 340-degree pan capability also provides downward viewing made possible with a 210-220-deg tilt range and our uniquely designed hyper-hemisphere dome.

Designed with studio-grade video and audio for professional broadcasting and livestreaming. An optional HDMI output is available.

The VISCA based control system allows for easy integration with existing audiovisual installations including NewTek's NDI. VISCA over IP allows for remote control of multiple cameras via a LAN connection.

For more information and pricing, please send inquiry to oceanpresence@gmail.com

OPT-06B OceanCam Features

Models	Resolution	Zoom	Frame Rate
OPT-06BHD	1920x1080	30x	60 fps
OPT-06BUHD	3840x2160	20x	30 fps

- 60% spherical glass dome to maximize optics
- Rated to 180 feet (55 meters)
- Built-in Web server that connects via 10-100Tbase
- PoE cables up to 660 feet (200 m) w/Extender
- Underwater-mateable network/power connectors allowing housing to be removed for maintenance
- Pan angle +-170 degrees rotation
- Pan speed 100 degrees/s (max.)
- Tilt angle 210-220 degrees
- Tilt speed 700 degrees/s (max.)
- Optical zoom: 30x, digital zoom: 12x
- Video compression format H.264, H.265
- 06BHD: 1080p/60 fps
- 06BUHD: 2160p/30 fps
- Internet Protocol secure network (5 clients)
- Video recording and archival software
- Power consumption: 14W typical, 25 W max.
- Size: 11.85" x 10.25" x 13.86" (l x w x h)
301 mm x 260 mm x 352 mm
- Weight: 24 lbs (9.5 kg)

Accessories

- HDMI Output with a S/N ratio >87 dB
- Custom Anodized Aluminum Mounting Base
- SDHC Card for built-in DVR (128 GB max.)
- Hydrophone for acoustic monitoring
- Marine wireless networks (short hops to 10 miles)
- Power/Wireless Float system
- Battery power w/solar recharging
- Anti-theft, tamper-resistant locking mounting
- Joystick control

OceanCam™ Specifications