

Ocean Presence Technologies



The **OceanCam® OPT-25UHD** delivers broadcast-quality video with seamless PTZ (pan-tilt-zoom) control for professional webcasting. Building on the proven reliability of our standard PTZ underwater cameras, the OPT-25UHD boasts several advanced features, including AI image tracking. The camera supports H.264/H.265 encoding and provides stunning 16:9 picture quality.

Ultra-High-Definition Video captures an impressive **12K Video with 50 Megapixel Resolution** (8192 x 6144 px), ensuring crystal-clear footage of fast-moving subjects with minimal noise and motion blur. The advanced AI camera offers a high-speed of 120° /s with 320° pan and 92° tilt range. Designed for studio-grade video, it ensures top-notch performance for professional broadcasting and live-streaming.

For more information and pricing, please send inquiries to oceanpresence@gmail.com or visit oceanpresence.com.

Mini-OceanCam Specifications

HOUSING

- Glass dome to maximize optics
- Rated to 180 feet (55 meters)
- Waterproof connectors
- Small Size: 9" high with a 5" diameter
- Weight: 4 lbs (1.8 kg)

CAMERA

- Crystal-clear 12K, 4K/60p & 1080/120p Video
- Resolution: 8192 x 6144 pixels
- Number of effective pixels up to 50 Megapixels
- 3-Axis Gimbal: Pan: ±160° Tilt: -60 to 32°, 120° /s
- AI tracking: 30+ Animals and 200+ Objects
- Integrated AI chip: Trillions calculations/sec
- Pan Range: 320° horizontal and 180° vertical tilt
- Video format: MJPEG, H264, H265
- Optics: 12 lens, 5x Optical Zoom, 12X Hybrid
- Image Stabilization & Auto Leveling
- Supports U3 Micro SD cards up to 1TB
- Video recording and archival software
- On-board Recording: 343 minutes
- Battery Life: 5 Hours, 38 W max. power

NETWORK & POWER

- High-Power-over-Ethernet, IEEE802.3at compliant
- PoE cables up to 660 feet (200 m) w/Extender
- NDI simultaneous multiple device processing
- Protocols: NDI, STR, RTMP, RTSP, and VISCA
- Seamless streaming: Facebook, YouTube and others

ACCESSORIES

- Underwater LED lighting w/remote switching
- Marine wireless networks (short hops to 10 miles)
- Battery power w/solar recharging

OceanCam™ Specifications