AI-Enhanced Ultra-High-Definition

OceanCam Specifications

HOUSING
- 60% spherical glass dome to maximize optics
- Rated to 180 feet (55 meters)
- Waterproof connectors (IP69)
- Size: 11.85"x10.25"x13.86" (l x w x h)
            301 mm x 260 mm x 352 mm
- Weight: 24 lbs (9.5 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 Stablization & 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

The **OceanCam® OPT-06T2** is the first in a new series of Artificial Specialized Intelligence (ASI) cameras, engineered to deliver broadcast-quality video with seamless pan-tilt-zoom control for research, education and conservation.

Building on more than 20 years of proven PTZ underwater cameras, the OPT-06T2 integrates advanced AI image tracking to lock onto moving subjects with precision. With a stunning 16:9 widescreen, it captures details in rich, clarity, whether you're documenting ocean life or live-streaming aquatic events.

Ultra-high-definition video performance has an impressive 12K capture at 50 megapixel resolution (8192 × 6144 px), ensuring crystal-clear footage of fast-moving subjects which is ideal for studio grade live-streaming applications. With up to five hours of battery-powered on-board recording, the rugged waterproof housing also provides generous internal space for additional storage media or batteries, extending untethered operation times.

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

OceanCam™ Specifications