High-Definition 3D Video (HD 3DV)
Real-time surveillance of subsea assets

The 3D video camera identifies anomalies with subsea assets by providing an accurate, real-time video feed of assets in their working environment. HD 3DV provides the highest-quality video available for general and close video inspection, allowing ROV pilots to carry out complex navigation orientation and telerobotics.

HD 3DV includes a system for live viewing, recording and playback of recorded footage. The topside recording system is located in the ROV control room. Playback is viewed in 3D on a monitor located in or nearby the ROV control room.

Applications
Visual inspection
UWILD

Features
Assets can be viewed in real-time
Superior depth perception improves visual assessment of subsea assets
Provides ROV pilots with greater spatial awareness and better depth perception
Reduces the risk of damage from ROV operations
Mobilised by helicopter
Can be mounted on Pan & Tilt or seven-function manipulator
# High-Definition 3D Video (HD 3DV)

## Specifications

| Components | Welaptega camera system rated to 3000m below sea level  
|            | Topside recording system composed of twin high-definition serial digital interface (HD-SDI) system  
|            | Live 3D viewing, recording and playback of recorded footage  
|            | Dimmable high-intensity LED lights  
|            | Weight in air: 10kg |
| Deployment requirements | One single-mode fibre optic line  
|            | 24vdc and 2.6A |
| Deliverables | High quality 3D video for visual inspections of underwater componentry  
|            | HD 3DV can be customised to your project scope |