



## Welaptega HD 3D Video (HD 3DV)

High-definition 3D video which identifies problems and anomalies of subsea assets in real-time

### Applications

Visual inspection  
UWILD

### Features

Assets can be viewed in real time  
Superior depth perception to improve visual assessment of subsea assets  
When problems are identified, further investigation and analysis can be done immediately  
Provides spatial awareness and better depth perception to ROV pilots for advanced telerobotics  
Reduces risk of damage by ROV operations  
Mobilized by helicopter

Welaptega's high-definition 3D video identifies problems and anomalies with subsea assets by providing an accurate, real-time picture. HD 3DV provides the highest quality video available for general visual inspection and close visual inspection. It also enables ROV pilots to carry out complex navigation orientation and telerobotics. This has been proven to save time and reduce costs significantly.

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 near the ROV control room.



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## Specifications



**WELAPTEGA**  
an Ashtead Technology company

System components	Welaptega 300–3000m rated camera system Topside recording system is a twin high-definition serial digital interface (HD-SDI) system Live 3D viewing, recording and playback of recorded footage Dimmable high-intensity LED lights Mounted on ROV pan-and-tilt or held by 7-function manipulator for close inspection
Deployment requirements	Work-class ROV, eyeball ROV or diver

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