



THE DOWNHOLE VISUAL  
ANALYTICS COMPANY

# OPTIS<sup>®</sup> DRILLCAM

**Optis<sup>®</sup> DrillCam real-time camera is a continuous rotate and tilt camera designed to provide full hemispherical recording capability, ideal for sub-sea applications.**

Typically deployed on drill pipe, the Optis<sup>®</sup> DrillCam ruggedised design allows flushing with up to 10 barrels per minute of clear fluid directly at the point of interest, thus ensuring the highest-quality images can be captured regardless of the fluids initially present in the wellbore.

The camera's surface controlled, variable speed, rotate and tilt device enables full 360° inspection without the need for ROV deployment or other less cost-effective alternatives. Twin cameras provide low light monochrome and high frame rate colour images transmitted to surface via an umbilical. Infinitely variable LED lighting also allows enhanced imaging capability even in low visibility fluids. At surface, the EV field operator always retains full control of the camera including 3-axis movement, auxiliary camera switching and lighting control.

The Optis<sup>®</sup> DrillCam is unrivalled in the industry for its reliability and consistent track record of successful deployments around the world.

## **Features:**

- System is compact and portable
- Camera selection, lighting and 360° orientation are controlled from surface as images are monitored in real-time
- Can be deployed on drill pipe, tugger line or umbilical

## **Benefits:**

- The full Optis<sup>®</sup> DrillCam system is helicopter or land vehicle transportable for increased operational efficiency
- Targeted, focused inspection and full hemispherical viewing in a wide range of wellbore fluids with all deployment options
- Communication via umbilical allows real-time images to be transmitted to surface without the requirement for electric line cable

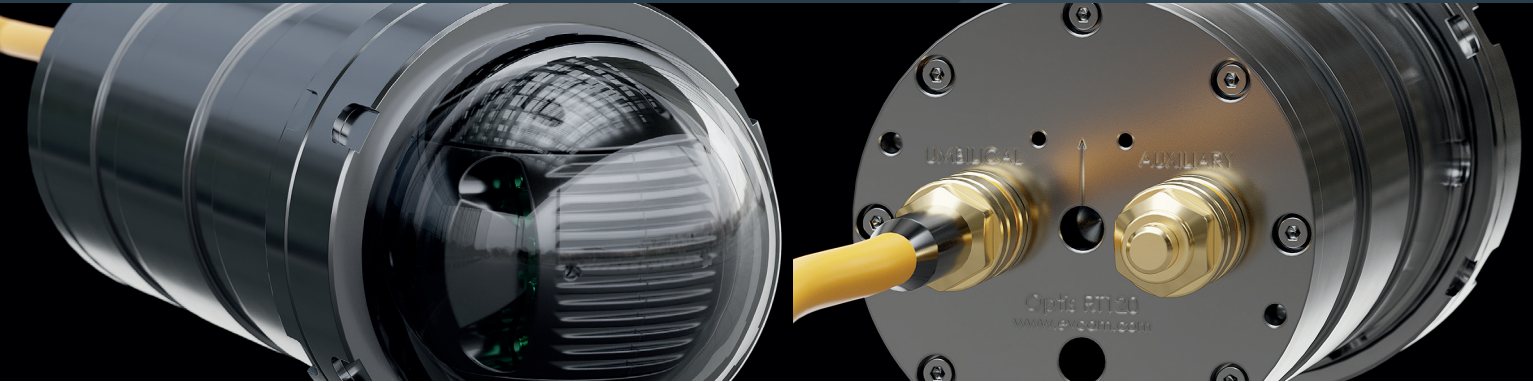
## **Applications:**

- Subsea wellhead profiling
- Subsea horizontal tree crown plug seal face inspection
- Inspection of BOP internals
- Thread and seal inspection
- Dropped objects and fish
- Casing or tubing hanger inspection

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## SPECIFICATIONS

Diameter	4.72 in	120.0 mm
Length	11.0 in	280.0 mm
Pressure rating	3,000 psi	207 bar
Temperature rating	122 °F	50 °C
Camera Type	360° Pan and Tilt	
Video Frame Rate	25 fps	
Recording Capacity	Continuous real-time transmission to surface	

### Drill Pipe Running Tool

Diameter	6.68 in	170.0 mm
Length	28.3 in	718.94 mm
Connection	Connection 4.5 in API IF Box up	
Flushing Rate	Up to 10 bbl/min	

### Example tool string

