



THE DOWNHOLE VISUAL
ANALYTICS COMPANY

OPTIS[®] INFINITY H125

Optis[®] Infinity is the world's first array sideview camera for downhole applications. Optis Infinity provides a ground-breaking, 360°, top-to-toe perspective of well performance and integrity in stunning high definition.

Full understanding of complex well issues requires a complete picture of the wellbore. Optis Infinity features an array of four azimuthally aligned cameras providing EV's trademark high resolution, high frame-rate video with >100% circumferential coverage and without any moving parts. This ground-breaking innovation enables the creation of a vivid, 360° dynamic map of well condition and behaviour from top to the toe of the well. This quantum shift in information delivers an unparalleled level of understanding to support decision-making and enable effective well management.

The Optis[®] Infinity H125 features a hybrid of real-time and memory functionality through the integration of our ultra-high capacity memory module and industry leading telemetry system. This unique technology provides the capability to record all four array cameras simultaneously and deliver high quality, live video at surface. This powerful and highly efficient data acquisition system is compatible with mono-conductor and multi-conductor wireline, wireline tractor - including Video Whilst Tractoring (VWT) - and E-Coil conveyancing methods.

As an evolution of the Optis platform, Optis[®] Infinity H125 benefits from the same industry-leading optics and highly versatile multi-sensor toolbus, providing an optimal information platform for EV's game-changing Visual Analytics services across well delivery, well integrity and production optimisation disciplines. In addition, Optis Infinity technologies may be combined with an Optis downview video sensor, and with the shortest offset between downward and circumferential fields of view, viewers benefit from the most complete perspective of downhole conditions available.

Features:

- Live, user selectable, high quality video displayed at surface from any camera
- Four azimuthally aligned cameras providing high definition, high frame-rate video
- 360° view providing a complete perspective of downhole conditions
- Image post-processing available to create continuous, 360° image for detailed inspections
- Combinable with a range of well integrity and production logging sensors
- Data acquired at standard logging speeds and logging passes
- Compatible with mono-conductor or multi-conductor E-line, E-line tractor and E-Coil conveyance
- Fully Visual Analytics™ ready to provide quantified images and statistical analysis

Benefits:

- Nothing missed with complete wellbore coverage from well top to well toe
- Live, high resolution visual information to support real-time decision making
- Time-lapse, side-by-side comparison of results during targeted remedial action
- Integration with mechanical services to provide instant confirmation of remedial actions
- Increased accuracy of information through the combined analysis of video with conventional data sources
- Precise, quantified visual answers enabling rapid, confident decision making

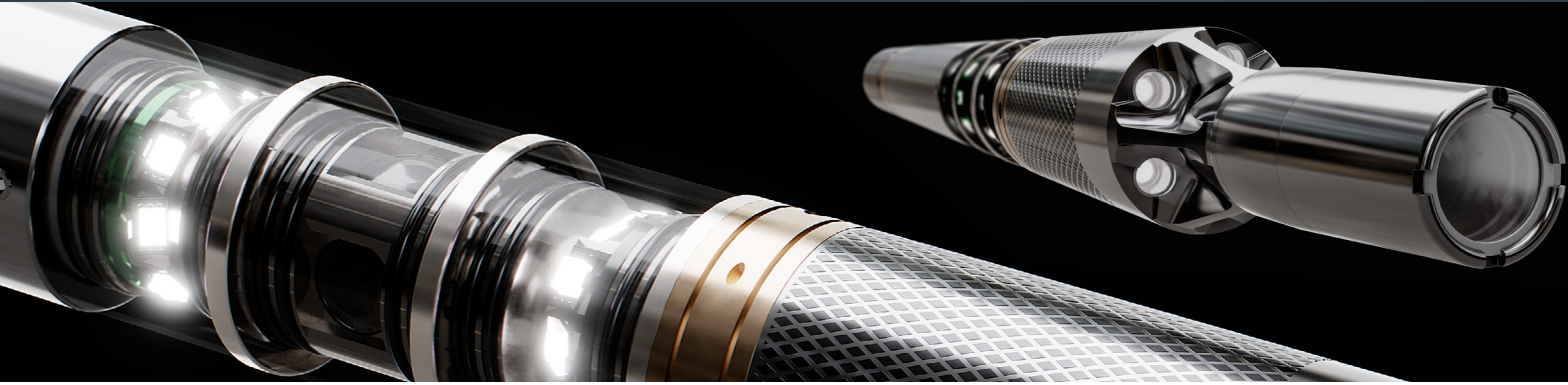
Applications:

- Perforation analysis to assist in optimization of hydraulic fracturing processes
- Evaluation of corrosion and erosion to help with the management of well integrity
- Inspection of sand screens to identify blockages, failures and remedial options
- Evaluation of wellbore scaling and deposition to optimise clean-up and inhibition programs
- Leak detection, root cause analysis and assessment of remedial action
- Detailed inspection of valves, sliding sleeves and other complex completion hardware

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SPECIFICATIONS

Diameter ¹	1.69 in	43.0 mm
Length	168.25 in	4,273.6 mm
Pressure Rating	15,000 psi	1,034 bar
Temperature Rating	257 °F	125 °C
Camera Types	4x Colour Sideview and 1x Colour Downview	
Frame Rate	25 fps with e-line and memory	
Video Resolution	2880x∞ Sideview; 1280x960 Downview	
Sideview Pixels Processed	5.9 GigaPixels per 30ft interval	
Field of View	360° circumferential coverage	
Orientation Sensor	High-side relative bearing and deviation from vertical	
Image Capture	Memory: Downview / 4x Sideview Surface Read Out: Downview / Single Select Sideview	
Recording Capacity	Memory: Up to 8 hrs with programmable intervals Surface Read Out: Continuous real-time transmission	
Power	Memory: Lithium or Alkaline battery Surface Read Out: Surface Power	
H2S / CO2	Compatible with corrosion resistant materials throughout	
Min ID for 360° Coverage	3.00 in	76.2 mm
Max ID Operating Range	12.00 in	304.8 mm

¹Maximum rigid diameter of 2.20in / 56.1mm with reference blades fitted for dimensioning applications (e.g. PerforationVA)

Example tool string

