

GINNOVO

Down-hole Video Camera + Multi-Finger Caliper (IVC)

Optis™ IVC provides a unique well integrity diagnostic tool. Combining HD electric line video with an industry leading 24 arm calipers, Optis™ IVC provides real time answers to well integrity issues. The qualitative color images combined with the qualitative caliper measurements give definitive results.

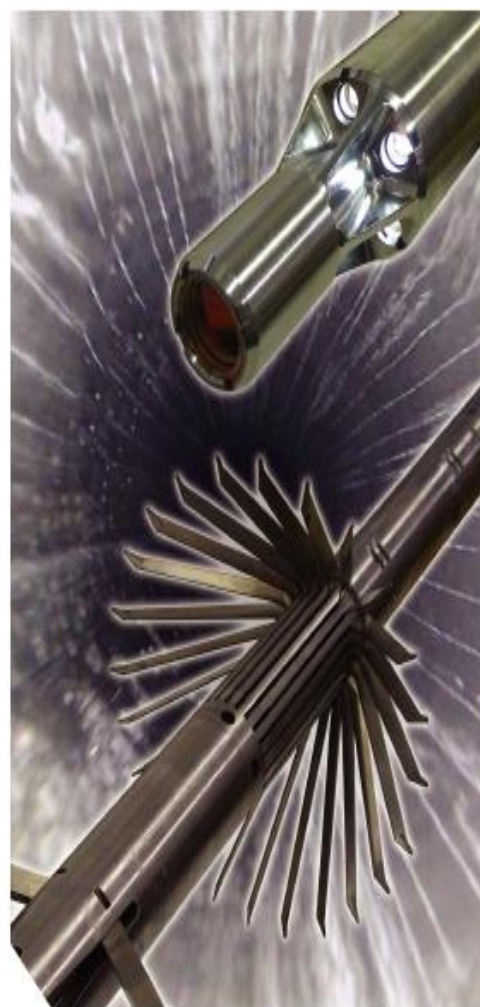
The **INTEGRATED VIDEO CALIPER** string uses proprietary telemetry which runs at up to 300 kbps to provide both streaming color video and high resolution multi-finger caliper data in real time.

Optis™ HD e-line has both downview and sideview cameras in a 43mm OD toolstring and streams colour video at up to 25 frames per second via mono or multi-line cable. When running in the well the full colour video gives an instant view of any well integrity issues.

When logging up the well the 24 arm caliper provides a quantitative assessment in tubulars from 2 3/8" to 7". Extended arms can increase this to 9 5/8". At a logging speed of 10 meters per minute the IVC caliper has an industry leading consistent vertical resolution of 3mm. Tool decentralization is corrected in real time and 3D imaging is displayed enabling real time interpretation. Should any anomalies be seen, the IVC tool provides the unique capability of instantly switching to the sideview colour video - to inspect the anomaly in detail.

Applications

- Tubing & casing integrity
- Inspection and monitoring of corrosion
- Scale or salt build up
- Frac sleeve status
- Safety valve inspection
- Seal bore inspection



Specifications

Diameter	1 11/16"	43 mm
Length	438 m	14.4 ft
Pressure Rating	15,000 psi	1034 bar
Temperature Rating	257 °F	125 °C
Camera	Color downview & sideview	
Caliper measuring range	50mm-180mm	1.97" - 7.09"
Caliper radial accuracy	+/- -0.0197"	+/- - 0.5 mm
Caliper vertical resolution at 30ft/min	0.12"	3mm