

DHV ViewMAX Lite™

DHV ViewMAX Lite™ is a slim, high pressure, side and down view camera with superior lighting and temperature rating, and the ability to rotate the camera to any required orientation.

The 1 11/16" outer diameter is ideal for small bore wells and utilises dedicated LED lights and a halogen backlight to give optimum illumination.

A motor assembly in the tool string can be started and stopped from surface, to rotate the view for optimum 360 degree inspection capability.

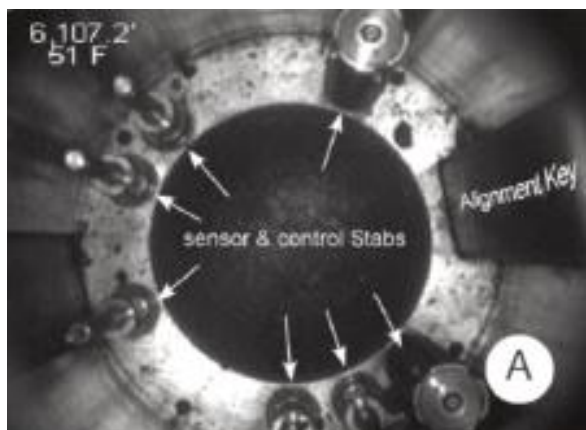
The camera requires only a single conductor to send power to the tool and receive pictures at surface.

A Memory Module can be added to the toolstring to facilitate recording 30 frames per second high definition downhole while still allowing live data uphole.

ViewMAX Lite can also be run on fibre optic units for full motion video capture uphole. Pictures are viewed and stored at up to 30 frames per second, without a sacrifice of resolution.



Benefits	Features
Highly portable/mobile DHV camera	Can obtain instant visualisation of downhole conditions at and below the camera. Memory module allows high resolution downhole recording to be viewed at a later time.
View images while logging (E-Line)	
Operates on conventional e-line cable	The adjustable LED lighting extends the tools tolerance for marginal fluid clarity
Memory on Slickline and E-line cable	
Interactive control to search for images (E-Line)	On-board temperature sensor
Survey horizontal wells (e-coil, pump-down, or tractor)	Can be combined with multi-finger calipers for visual and actual measurements
Survey wells with H ₂ S/CO ₂	
Applications	
Casing/Well integrity monitoring	Parted/split casing, casing collapse, leak detection, regulatory inspection
Production monitoring	Fluid movement, fills, zonal/layer contribution, fracture identification
Casing/downhole inspection	Casing condition, corrosion monitoring, sand/scale/mineral deposits Obstructions/restrictions, plugged perforations, perforated hole size measure, gas lift valves, SCSSV valves
Operational Verification	Fishing aid, whipstock position, window cuts/mill, drilling lateral, liner top, and BOP rams



Inspection of control stabs in a tubing hanger prior to coupling Gas lift mandrel inspection

Technical specifications

Length – E-Line	12.4' (3.8m) with one centraliser
Length – E-Line inc memory	14 ft (4.3m)
Length - memory	12.9ft (3.9m) with 2 battery packs
Diameter	1 11/16" (42.9mm)
Weight – E-Line	60 lbs (27.2 kg)
Weight – E-Line inc memory	70 lbs (31.75kg)
Weight - memory	50lbs (22.7kg)
Temperature	275°F (135°C)
Max. pressure	15,000 psi (103.4 MPa)
Frame rate	1.2 fps e-line, 30 fps fibre, 30 fps Memory

Memory module

The addition of a memory module to the toolstring adds the benefit of recording 30 frames per second in high definition downhole while still allowing viewing of live data up-hole at the standard frame rate and resolution.