

### 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.

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

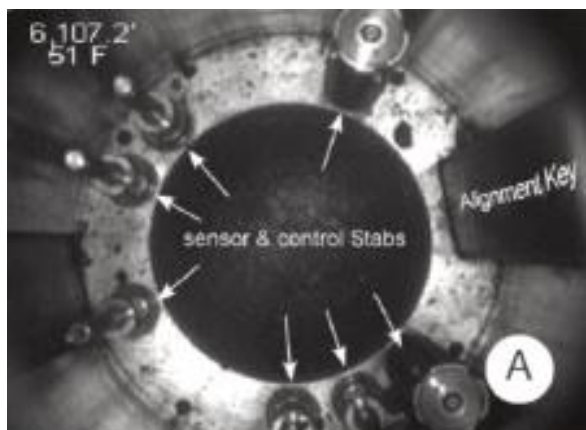
- Highly portable/mobile DHV camera
- View images while logging (E-Line)
- Operates on conventional e-line cable
- Memory on Slickline and E-line cable
- Interactive control to search for images (E-Line)
- Survey horizontal wells (e-coil, pump-down, or tractor)
- Survey wells with H<sub>2</sub>S/CO<sub>2</sub>

#### Features

- 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.
- The adjustable LED lighting extends the tools tolerance for marginal fluid clarity
- On-board temperature sensor
- Can be combined with multi-finger calipers for visual and actual measurements

#### 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

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