

## Optical Televiewer

The Optical Televiewer provides continuous logs of oriented, unwrapped images of the borehole wall revealing detailed information on fracture and bedding dip direction and orientation. The operating software acquires this high resolution data in real time.

The Optical Televiewer provides real time high resolution 360 degree images of the borehole wall. It can be run in both air filled and (clear) water filled holes. Log parameters include 360° oriented optical image and borehole azimuth and dip.

### APPLICATIONS

- Oriented structural information
- Breakout analysis
- Thin bed analysis
- Core orientation referencing
- Stratigraphic studies
- Cased hole inspection
- Fracture identification

SPECIFICATIONS	Optical Televiewer Probe
Weight	5.0 kg
Length	1.63 m
Diameter	52 mm
Borehole Diameter Range	70 to 300 mm, depending on conditions
Max. Pressure	100 bar
Max. Temperature	60 °C
Typical Logging Speed	2.5 m/min with 720 pixels horizontal and 1 mm vertical resolution.
Optical Subsystem:	<ul style="list-style-type: none"> <li>- Image resolution: 360 to 1440 pixels/circumference (user definable)</li> <li>- Data rate : 1500 Kbps</li> <li>- Colour resolution: 24 bit RGB</li> <li>- Sensor: 1280 x 1024 CMOS image sensor</li> <li>- Structural log and Image data format: Bitmap files</li> <li>- Structural and orientation data format: ASCII files</li> </ul>
Combinability	Not combinable
Borehole	Clear water, air open, cased, PVC
Centralisation	Required Centralisers supplied with probe
Accessories	Optional NaI gamma detector installed Commonly used with post-log processing software

