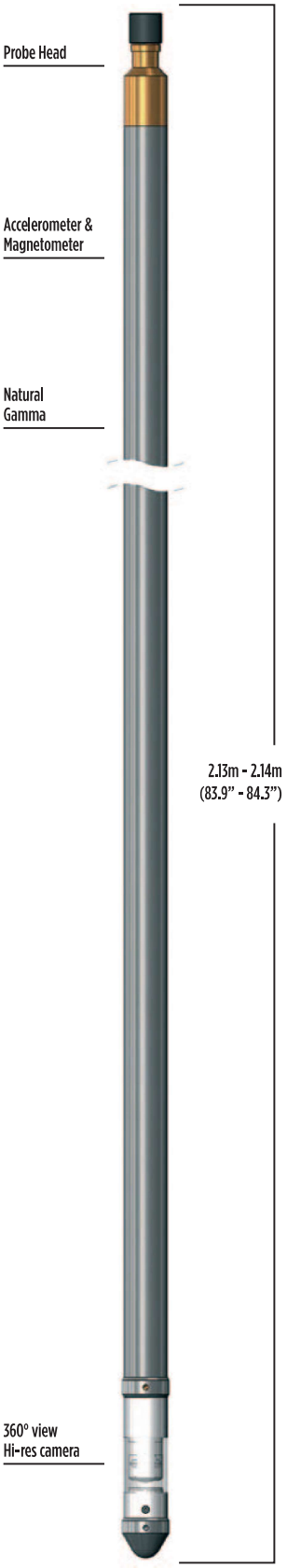
PROBES

HIGH RESOLUTION OPTICAL TELEVIEWER (Hi-OPTV)®

ROBERTSON GEO
Unlocking Your GeoData



High Resolution Optical Televiewer (Hi-OPTV)® Probe

The High Resolution Optical Televiewer (Hi-OPTV)® provides a continuous very high resolution oriented image of the borehole walls using a conventional light source.

A unique optical system based on a fisheye lens allows the probe to survey 360 degrees simultaneously. This information is processed in real time to produce a complete 'unwrapped' image of the borehole oriented to magnetic north. The probe offers superior resolution to the High Resolution Acoustic Televiewer (HRAT)® and produces images in real colour. While, unlike the HRAT®, it can operate in air-filled boreholes, it is unsuitable for boreholes containing mud or cloudy fluids.

GeoCAD® Televiewer Module: is a Windows-based package for processing, interpreting and displaying acoustic and optical televiewer image logs. Standard log presentations include tadpole and stick plots, stereographic projections of poles to planes and azimuth frequency diagrams. The synthetic core display allows convenient comparison of log and field data for orientation of fractured or incomplete core sections.

SPECIFICATION:

Applications

- Fracture identification and orientation
- Stratigraphic studies
- Local stress studies (break-out)
- Core orientation
- Cased hole studies

Operating Conditions

Borehole Type:	Air filled or clear fluid
Recommended Logging Speed:	3m/min

Specifications

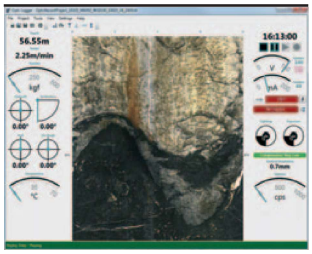
Length:	2.13m - 2.14m (10MPa/20MPa window)
Diameter:	46mm (10MPa) & 58mm (20MPa)
Weight:	6kg (10MPa) or 7.2kg (20MPa)
Temperature (max):	60°C
Circular resolution:	user definable 360/540/720 /900/1080/1260/1440 pixels
Sensor type:	1280 x 1024 pixels CMOS image sensor
Colour resolution:	24 bit RGB

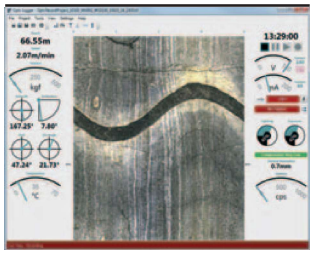
Part Numbers

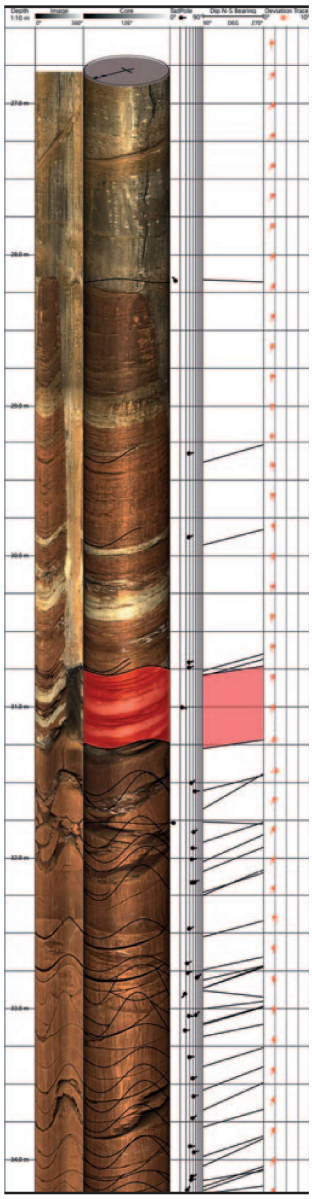
I017187	Hi-OPTV® probe (46mm)
I017188	Hi-OPTV® probe (46mm) with gamma
I017125	Hi-OPTV® probe (58mm)
I017216	Hi-OPTV® probe (58mm) with gamma
I015464	Gamma Test Blanket

GeoCAD® Televiewer Module

I020248	GeoCAD® Televiewer Module







Examples of logging data

CLICK HERE FOR ENQUIRY FORM