

Geovista supply a range of colour borehole inspection cameras featuring high resolution and high sensitivity CCD sensors.

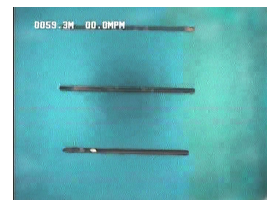
All cameras operate on co-axial logging cables and on short lengths of standard mono-conductor cables. As a result, the cameras can be run on the same winch as the logging sondes.

Dual Camera

The Dual Camera sonde offers the convenience of both downhole and sidewall viewing facility by switching between two individual cameras, one directed axially and the other directed radially with 360° infinite rotation.

In addition, this sonde can be fitted with a compass for image orientation.

The side view objective is fitted with an array of white, high luminosity LED lights. Downhole lighting is supplied with either a frontal light head or a ring light for larger diameter boreholes.



Specifications

- Image sensor: Sony Super HAD II CCD
- Resolution: 520 TV lines
- Min. illumination: 0.1 Lux
- Lens size: 6 mm and 2.6 mm (or as required)
- Electronic Iris, Remotely controlled focus
- White LED integral lighting for side-view objective
- Removable 80W Halogen Ring Light (Ø135 mm)
- Removable LED Ring Light (Ø80 mm)
- (Optional) Detachable LED Frontal light
- External Diameter: 72 mm
- Length: 125 cm
- Weight: 17 kg (with ring light)
- Temperature rating: 60°C
- Pressure: 200 bar



Geovista reserve the right to change the products' list and specifications without prior notice

🔦 Axial Viewing Cameras

The Axial Viewing Camera sonde offers the convenience of a smaller diameter, a lower price, and a wide angle lens to maximise the frontal field of vision. With a 0.1 lux sensitivity sensor and frontal light head, this camera is suitable for inspections in small diameter wells or in wells with small diameter access ports.

🔦 Specifications

- Image sensor: Sony Super HAD II CCD
- Resolution: 520 TV lines
- Min. illumination: 0.1 Lux
- Lens size: 2.6 mm (or as required)
- Automatic Iris / Fixed focus
- White LEDs integrated ring light
- Max.External Diameter: 42mm
- Length: 66 cm
- Temperature rating: 60°C



🔦 HiTemp Camera

The HiTemp Camera sonde can be run in wells with temperatures of up to 100°C. This is an axial viewing sonde with a single wide-angle objective. The HiTemp camera is available in colour for up to 1500m of cable, and in Black & White for up to 2000m of cable.

🔦 Specifications

- Image sensor: Sony Super HAD II CCD
- Resolution: 520 TV lines
- Frame rate: 30 frames /second
- Min. illumination: 0.1 Lux
- Lens size: 2.6 mm
- Automatic Iris / fixed focus
- Max External Diameter: 60 mm
- Temperature rating: 100°C / Pressure: 200 bar



🔦 Camera Control Unit

The camera control panel comes in a transit case, and includes a monitor and a video keyboard. Video recording can be done either on a separate DVD recorder or on a suitable laptop PC. For vehicle mounted systems, the control panel comes in a compact enclosure with a separate monitor and optional DVD recorder.

🔦 Image Orientation and Borehole Inclination

An option to measure and display image orientation and borehole inclination on the video monitor is available with the Dual Camera.



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