ProxyViz

Water Well & Borehole Inspection Cameras



The ProxyViz Scout Series: dual-view 1080p video, live water level and depth, and one-click reports.

One-person portable · fits 40 mm bores · rated to 250 m

The industrial inspection specialists.

Established in 1981 and based in Aberdeen, Inspectahire is one of the UK's leading remote visual inspection and NDT specialists. We give well owners, drilling and pump contractors, hydrogeologists and water companies access to advanced inspection technology, backed by trained technicians, equipment hire and sales, and an in-house R&D team. We help you see what is happening down the well before you commit to the work.

Now available: the ProxyViz Scout Series.

DEPTH	ACCESS	IMAGE
250 m	**39 mm**	**1080p**
depth rating, with tethers from 50 m to 250 m	stainless steel camera head, for bores from 40 mm	down view and 360° side view, with 11.9 MP stills

What you cannot see down the well.

01 Casing Joints, Cracks & Corrosion
Damaged or offset casing lets in sediment and surface water, and gets worse with every season.

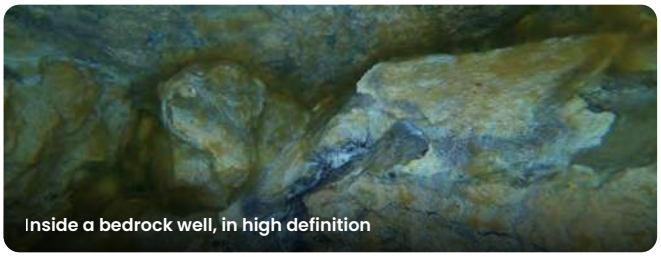
02 Screens & Sand Entry
Blocked or broken screens cut the yield and let sand through to the pump.

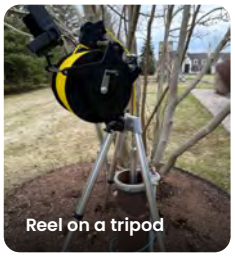
03 Pumps & Obstructions
A struggling pump, a snagged cable or a dropped tool is hard to diagnose from the surface.

04 Fouling & Cleaning Results
Deposits build up out of sight, and without a camera there is no proof that cleaning has worked.

LEFT UNCHECKED — Falling yield › Sand and sediment › Pump damage › Lost supply and a costly pump pull


Live video at the wellhead


Inside a bedrock well, in high definition


Reel on a tripod

The solution: see it for yourself.

The ProxyViz Scout Series is a portable downhole camera system built for water wells and boreholes. It films the bore in high definition, measures depth and water level as it goes, and turns the inspection into a report.

Camera

DUAL VIEW · 1080P

- **Two views in one pass.** The dual camera adds a side view with 360° endless pan to the down view, so you can look straight at a joint, a crack or a screen.
- **Sees in dark, cloudy water.** 16 dimmable LEDs per camera, a 120° autofocus lens, HDR imaging and a real-time haze filter for turbid water.
- **Fits small bores and goes deep.** A 39 mm head in 316 stainless steel, for bores from 40 mm, rated to 250 m.
- **Measures while it films.** A pressure sensor gives a live water level for drawdown testing, with pitch, roll and heading recorded too.



Down view and side view in one head

System

PORTABLE · ONE PERSON

- **One person, a few minutes.** The complete system weighs under 18 kg. The reel hangs on the casing or mounts on a tripod.
- **Depth with every image.** A precision encoder on the reel records tether depth. The Ultra adds an electric winch with automatic level wind.
- **Record and annotate on site.** A 7 inch daylight-readable touchscreen records video and stills straight to USB, with notes added as you go.



Reel, controller and tripod

Scout Series at a glance.

Attribute	ProxyViz Scout Series
Camera head	**39 mm diameter, 316 stainless steel, single or dual view**
Minimum bore	**40 mm, so it suits 2 inch casings and larger**
Depth rating	**250 m, with tethers from 50 m to 250 m**
Video and stills	**1080p H.264 video and 11.9 MP JPEG stills**
Lighting	**16 dimmable LEDs per camera, 0.01 lux sensitivity**
Measurements	**Tether depth, live water level, pitch, roll and heading**
Power	**Quick-swap 18 V lithium-ion battery packs, fast charger included**

THE BENEFITS OF LOOKING FIRST.

- **Find the fault before the work**
  Locate casing, screen and pump problems before a pump pull.
- **Before and after proof**
  Compare the well before and after cleaning or rehabilitation.
- **Evidence in context**
  Every image carries its depth, with the water level alongside.
- **A report your client can read**
  One-click PDF reports, with footage and stills to back them up.

Three systems. One way of working.

Every Scout system uses the same camera, controller and software. Choose by depth and by how often you inspect.

Compare the systems.

Feature	Scout Lite	Scout Pro	Scout Ultra
Camera	Single, down view	Single or dual view	Single or dual view
Standard tether	50 m	100 m	150 m
Maximum tether	100 m	150 m	250 m
Reel	Manual	Manual, locking pin	Electric smart winch
Hard carry case	Not included	Included	Included
Suits	Shallow wells, quick checks	Routine diagnostics	Deep wells, frequent use



7 inch touchscreen controller

From footage to report.

- **ScoutLink Inspection Suite** runs in a web browser, with no licence to buy.
- **Live video and control,** with depth logs, imagery and annotations side by side.
- **One-click PDF reports** to share with your team and your clients.

FROM FOOTAGE TO DECISION

Know what is happening down the well before you pull the pump.

Beyond water wells.

The same system inspects any narrow, deep or flooded bore. Accessories include a centring skid for bores from 40 mm to 360 mm and a tripod for open ground.

ALSO USED IN

- Geotechnical and site investigation boreholes
- Environmental monitoring wells
- Mining and quarry drill holes
- Municipal supply and observation wells

ALSO AVAILABLE FROM INSPECTAHIRE.

- **Remote Visual Inspection**
  Borescopes and videoscopes for pipework, vessels and meter installations in hard-to-reach areas.
- **Pulse Eddy Current**
  Detect corrosion and wall thinning through coatings, paint and insulation without stripping.
- **Optical Gas Imaging**
  FLIR G-Series gas imaging cameras to detect hydrocarbons, methane (CH4), and other Volatile Organic Compound (VOC) emissions.
- **ATEX Ultrasonic Testing Equipment**
  Thickness measurement and corrosion mapping on mains, risers and storage vessels.
- **ATEX Cameras**
  Let you capture stills, video and thermal images inside Zone 1 and Zone 2 hazardous areas without a hot work permit.
- **Hire · Sales · Technicians · Service Provision**
  The right equipment when you need it, with trained technicians, tank inspectors qualified to EEMUA standards and bespoke R&D solutions.

See the well before you pull the pump.

Hire it, Buy it & Full Surveys

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