



XL Detect/XL Detect+

Affordable Video Borescopes For All

The XL Detect and XL Detect+ low-to-mid-range video borescopes combine utility and performance with maximum value.

BHGE has made clear and accurate inspections accessible to more users than ever by introducing the market's most budget-friendly portable video borescopes. Offering high-end capabilities at low prices, BHGE XL Detect and XL Detect+ VideoProbes are utility devices designed to meet a variety of plant-wide needs. Their specifications include powerful light output and large bright screens, with optional Menu Directed Inspection 1.1 and wireless data transmission.

Remote visual inspection (RVI) via borescopes is becoming an indispensable aid to those wishing to monitor assets using non-destructive testing (NDT) approaches. Instead of having to dismantle equipment for internal examination, a suitably specified borescope allows you to see clearly inside it by inserting an optical probe.

This technique is especially useful for engines, turbines, combustion chambers, and pipelines in sectors like oil and gas, power generation, food and beverage, pharmaceutical, manufacturing, automotive and aerospace.

Your borescope's video and still images need to be crisp and well lit if you are to assess and measure structural condition quickly and with accuracy. BHGE XL Detect and XL Detect+ VideoProbes score highly in this area. In doing so, they increase your probability of detection (POD) for pitting, cracking, corrosion, and similar defects in components, welds, and material surfaces.



High-Quality Specifications at an Affordable Price

The XL Detect and XL Detect+ models strongly illuminate the inspected area and produce high-quality images with a display resolution of 640 x 480 pixels. Both can also offer a custom option of changeability between white and UV light. Choose the XL Detect+ option for even greater visibility. Its LCD screen is three times brighter and 85% bigger, at 5.0 inches instead of 3.7. With a clear display, your POD is enhanced while user interfaces are quicker and easier to navigate and long inspections are less likely to strain your eyes.

BHGE XL Detect and XL Detect+ work with a variety of standard optical tips, providing 360-degree all-way articulation as well as XpertSteer, bump gesture, menu access and navigation functionalities. The optional Menu Directed Inspection (MDI) 1.1 application guides you step by step through each inspection process, so operation of these VideoProbes is simple for any user. It also automatically tags images and organizes your results for simplified reporting. Internal flash memory is 1 GB for XL Detect and 4 GB for XL Detect+. Up to five MDI 1.1 templates can be stored by the latter.

For easy connection, file sharing and communication, there is a USB port, a VGA (video graphics array) output and a headset microphone jack. If you prefer to transfer files wirelessly, you can buy a Toshiba FlashAir memory card with embedded wireless LAN (local area network) connectivity.



Ergonomic Utility in All Conditions

A light and ergonomic design allows comfortable handling in any situation, with minimal fatigue. The VideoProbe itself weighs just 4.3 pounds and it is supplied in a lightweight carry-on case for transport between inspection locations. Convenient pockets are provided for accessories, along with an integrated insertion tube storage reel.

The standard kit includes a charger, an AC adapter and a battery with 2 hours of runtime. Optional features include a 4 hour battery pack, a hands-free mount kit, a mount kit swivel ball and a tube gripper.

Built to withstand the harshest of environmental conditions, the VideoProbes are sealed against dust and water to IP55 standard (XL Detect) or to IP65 (XL Detect+). Their durability even complies with exacting US military standards MIL-STD-810G and MIL-STD-461F. The result is long life with few maintenance needs and a low cost of ownership in the long term.

Lower Downtime and Higher Efficiency

Unexpected asset failure due to unseen defects is expensive in terms of damage repairs and downtime, so proactive visual inspection makes great sense. Of course, this only works if your borescope's image quality is good enough to detect problems reliably. Missing a defect can be costly. So, too, can be poor imaging which makes dismantling necessary to confirm whether a suspected defect is serious or not.

As well as keeping your assets in productive action, an efficient and user-friendly borescope will save you time and speed up your own workflow. You will be able to see issues more clearly, measure more accurately and make well-informed decisions quickly and confidently. Considering these efficiency savings and asset availability gains, you can expect the latest durable budget-friendly borescopes from BHGE to deliver a great return on investment.

Berg Engineering & Sales, Company Inc.
3893 Industrial Ave. Rolling Meadows, IL 60008
www.bergeng.com
info@bergeng.com
1-847-577-3980

**BAKER
HUGHES**
a GE company


Channel Partner



Choose with Confidence

The expanded choice of affordable BHGE VideoProbes brings you an excellent opportunity to upgrade from legacy systems like XL G3, XL Go, XL Vu and XL LV. BHGE XL Detect and XL Detect+ VideoProbes can be bought or rented from the Berg Engineering and Sales Company, Inc.

Berg has been serving engineering industries since 1969, bringing sales and comprehensive service support to the NDT, material testing and electrical testing equipment sectors. The company has built and maintained strong customer relationships through world-leading inspection solutions, a large rental fleet and great service. Berg's technical staff, factory-trained and certified by BHGE, offer you a range of on-site training, preventative maintenance and free guidance.

BHGE VideoProbes also benefit from BHGE's global support, which gives you extra peace of mind. BHGE borescope inspection experts are available anywhere, at any time, on demand, to answer your questions and ensure protection of your valuable assets.

For further information click below.

[Click here](#)

Berg Engineering & Sales, Company Inc.
3893 Industrial Ave. Rolling Meadows, IL 60008
www.bergeng.com
info@bergeng.com
1-847-577-3980

**BAKER
HUGHES**
a GE company 
Channel Partner