

## viZaar VUCAM Portable Videoscope Range



*The latest generation of the Ultimate Portable Videoscope Inspection Systems*

**The VUCAM is available in 2 ranges:**

- VUCAM XO/XO+ 6mm Exchangeable Tip Videoscope
- VUCAM AM/AM+ 4mm Fixed Tip Videoscope

**VUCAM XO / XO+**








**VUCAM AM / AM+**



The VUCAM product range has been designed to be as ergonomic as possible in every position with these key features:

- Carbon fiber body (for maximum protection and minimum weight)
- Integrated Mounting Hook
- Integrated Mounting Thread (for use with magic arm, tripod, etc.)
- Integrated LED Light Source ensuring leading levels in light, optimum light temperature and maximum lifetime.
- Tilting Main Screen
- Quick Access Buttons (for “hot” functions)
- FLIP (vertical and horizontal)
- Screen Rotate (allows the device to be fully functional when inverted)

## View More with the VUCAM

 A red square icon containing a white monitor with a video camera symbol on its screen, representing video streaming over a network.	<p><b>Video Over LAN</b></p> <p>If you need a second opinion on your inspection or require the inspection to be remotely monitored, the VUCAM is equipped with Video Over LAN functionality. This enables you to connect the VUCAM to a network via an ethernet cable and stream the video to either a broadcast (multiple viewers) or unicast (single viewer only).</p>
 A red square icon containing a white monitor, representing a secondary display connection.	<p><b>Video Out Function</b></p> <p>If you need to use the VUCAM in a fixed environment, you may wish to improve the ergonomics by using a secondary monitor. The VUCAM is equipped with an analog Video-OUT connection to allow you to connect to a monitor of your choice.</p>
 A red square icon containing a white document with an arrow pointing to a smartphone, representing data transfer to a remote server.	<p><b>PUSH to FTP</b></p> <p>Using the ethernet connection, you can also use PUSH to FTP to automatically store any images or videos captured during the inspection to a destination of your choice. This allows for instant remote viewing of all captured data without interfering with the inspection process.</p>
 A red square icon containing a white headset, representing audio recording capabilities.	<p><b>Audio Narration</b></p> <p>The VUCAM now provides the ability for the user to record an audio narration over the inspection which is included within the video file.</p>
 A red square icon containing a white film strip with a play button symbol, representing video recording features.	<p><b>Pre-Triggered Recording</b></p> <p>Pre-Trigger recording is a key feature as it ensures that you capture EVERYTHING that you need to inspect. Every time you press record to begin capturing a video, the VUCAM also includes as standard the previous 30 seconds of inspection. This Pre-Trigger is also adjustable from 0 to 30 seconds via the integrated menu.</p>

## Easy to Use

The VACUM range is fully loaded with a wide range of features and functions. All of these features are integrated into a simple, intuitive and easy to use touchscreen based user interface.

To add more operational capability, on the "XO" models, changeable tips are also included. This enables the videoscope to alter the direction of view (DOV) to side view (90°) and even the field of view (FOV) from 45° to 120°.

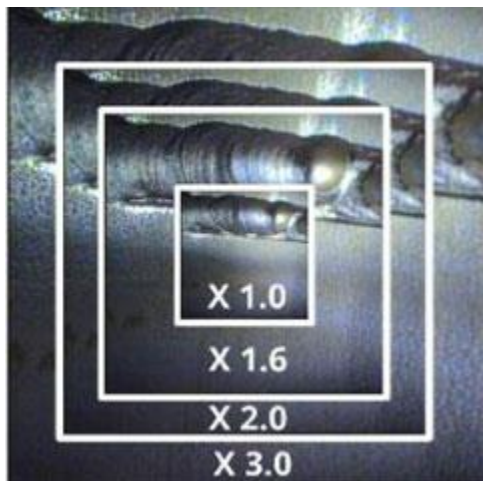
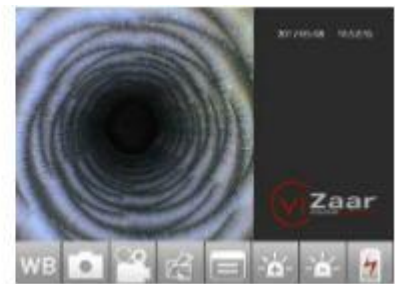
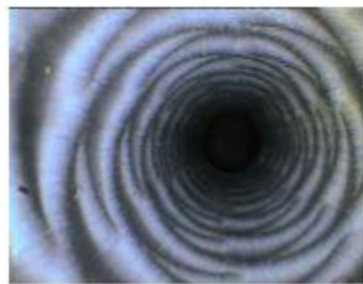


## Flexible Viewing



### Full Screen Mode

The VACUM offers the user the choice to view the image with an information bar (default) or by simply tapping the screen, view the image in the full screen.



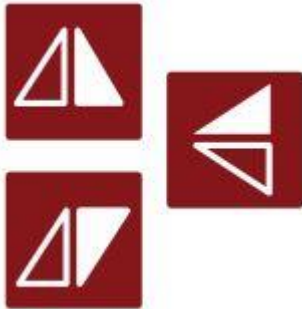
### Digital Zoom

If you need to see anything in greater detail the VUCAM is equipped with a digital zoom function. Simply tap the touchscreen to zoom the image in stages by factors of 1.6, 2.0 and 3.0.



## FLIP (horizontal, vertical and both)

The VACUM is equipped with several image manipulation features to enhance and simplify your inspection. The FLIP feature can be used to invert the image across either a horizontal or vertical axis or both. This serves to enhance orientation and ergonomics during an inspection.



## Full Screen Rotation

Full screen rotation differs from FLIP in that it rotates the entire screen and re-orientates the touch screen overlap. This allows the VUCAM to full functionality even if it is fully inverted.



## Momentum Demands Movement

One of the defining inspection requirements is movement, or more precisely, articulation. The VUCAM product range features full 4 way articulation of up to 160° in all directions. It is also designed to be as robust as possible and is recognized as one of the most durable systems on the market. Most importantly, the articulation is smooth, proportional, precise and simple to use via the control wheels.



The real key feature of the VUCAM product range articulation is the fact that the direct connection, manual articulation system offers "feel". No artificial system is employed and any resistance felt on the wheels is proportionally representative of the forces at the very tip of the videoscope. The benefit of this is that you are less likely to cause damage to the inspection area, or worse, get your videoscope stuck in the very object you are inspecting.

## Field Replaceable, Air Transportable

Spare standard batteries can be purchased to allow for quick and simple in-field changes to take place. The batteries are LifePo which are safe to transport by air. This ensures that you can use your VUCAM product for as long as you want, whenever and wherever you want.



## A place for Everything

Each VACUM product is supplied with a custom-built case with laser cut storage compartments. This ensures that you can move your product around safely during shipping and transport, perform inventory quickly and easily and ensures that you have everything you need for your application all in one place.

