



NOW WITH  
**LIFETIME WARRANTY**  
ON  
**CARBON FIBRE PARTS**  
AND **LED UNITS!**

## VUCAM D VIDEOSCOPE WITH INTERCHANGEABLE PROBES

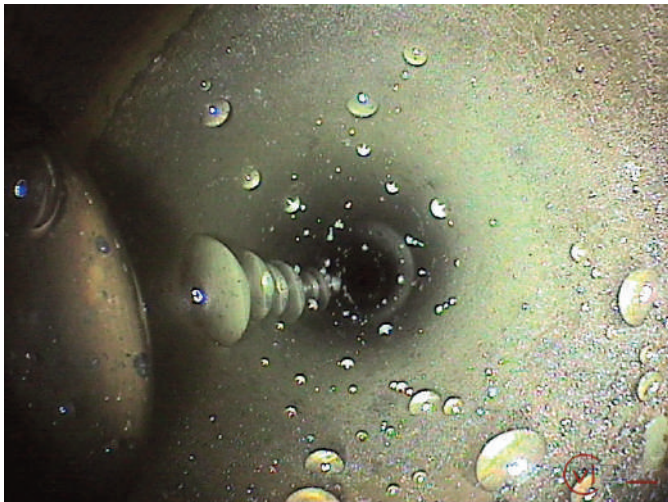
# VUCAM<sup>®</sup> D

MULTI-PROBES SOLUTIONS FOR REMOTE VISUAL INSPECTIONS

# BUY NOW, THINK FUTURE

## BECOME MORE FLEXIBLE

The VUCAM D is a portable videoscope. Now you get more options of your operational setup thanks to the interchangeability of its probes. By purchasing two probes of different lengths or diameters, get directly two new inspection solutions.



## KEEP A PERFECT RENDERING

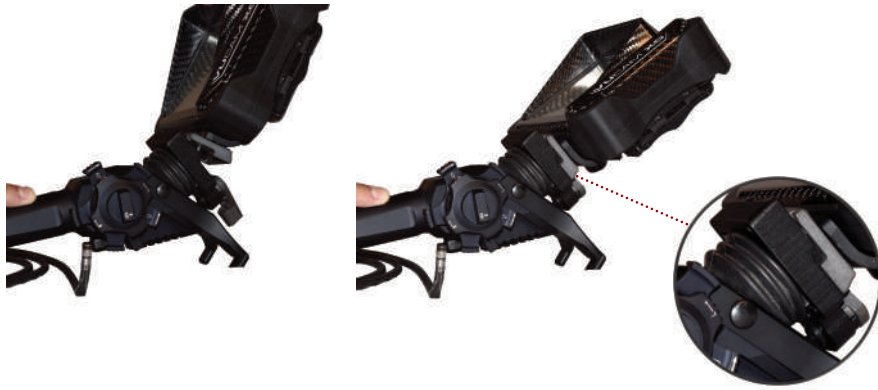
Even if the monitor is independent from the handle, you will still have the same image quality. Moreover, this concept will change the way you inspect applications. Indeed, you can fix the monitor to standard photo tools such as a tripod, a magic arm or even a shoulder strap. With all these configurations, you will mandatorily find the best way for you to perform non destructive testings.

## IMPROVE YOUR ERGONOMICS

Ergonomics is sometimes overlooked when thinking about potential hazards that exist in the workplace. Without the screen, this videoscopic will be much more lightweight, consequently it will facilitate you a lot for long inspections.



# EXTEND YOUR SOLUTIONS



## PLUG & PLAY SYSTEM

Change easily the position of your screen on your probe. This way, you will find the best screen orientation for your remote visual inspections.

## BRAND NEW TRANSPORT CASE

We designed a transport case specially to integrate the two probes and the unique monitor. You will save storage space and it will be easier for you to know where are your probes. This storage case is lightweight in order to improve your ergonomics but it is still very robust as it will be used in harsh industrial environments.



## NEW OPTION : UPDATE YOUR EXISTING VUCAM

If you already have a VUCAM videoscope, you can send us a request to modify it. This way, you will benefit from all the advantages of the new VUCAM D. With this update, we can also provide you new probes with different diameters and lengths.





# UNIQUE SOLUTION PROVIDING MULTIPLE OPTIONS

The VUCAM D is a high quality product offering numerous advanced features to inspect different industrial applications.

We have improved its functionality by a disconnectable monitor providing you the flexibility to find the most suitable setup for your application.



# FIND THE MOST SUITABLE SOLUTION

The VUCAM D has been designed to be compatible with the standards of photography tools such as the photographic tripods, magic arms, etc. Some of these solutions can be provided by us, for the rest you can get new solutions from us or directly by purchasing on internet. We present you below some solutions we offer :



## HANDLE

This solution is very convenient if you want to inspect while keeping some mobility. You can order spare batteries to inspect for hours. The autonomy of VUCAM is already around 2h30.



## SHOULDER STRAP

It is possible to connect a magic arm to the screen of the VUCAM and thus be able to hang it on any support (table, bar, trolley, mechanical part, box, etc.). It is very easy to find low cost magic arms in the trade. Orient the screen until you find the ideal position.



## MAGIC ARM

You can also connect a magic arm to the screen of the VUCAM D and thus suspend it to any support (table, bar, trolley, mechanical part, housing, etc.). It is very easy to find low cost magic arms in the trade. Orient the screen until you find the ideal position.



## TRIPOD

Using a tripod is the ultimate fixed and mobile solution. Its three feet provide stability, but it is also possible to move it easily to position it at the desired location in a few moments. You can also orient the screen according to the models.

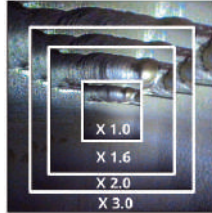
**AND MANY MORE...**

# ONE MONITOR FOR NUMEROUS PROBES

Is it sufficient to buy just one monitor? Yes, it is, you just have to buy the probes with the length, diameter or optical field that fits your application and connect them to your 5.7 inch touchscreen. If your probe is damaged or for example contaminated, you will just have to replace the probe at a very attractive price. Furthermore, it is easier to store as you only need one transport case to store two probes and your monitor. Benefit from our replaceable LiFePo batteries which last approx. 2h30. and they can be shipped by plane.



**DATA RECORDING**



**DIGITAL ZOOM**



**640 x 480**

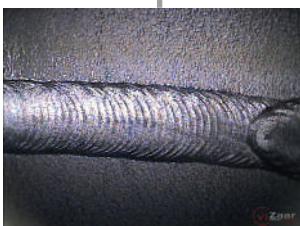
**TOUCHSCREEN**



**INTERCHANGEABLE  
BATTERIES**



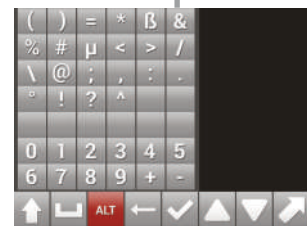
**AUDIO NARRATION**



**FULL SCREEN MODE**



**VIDEO OUTPUT**



**TEXT GENERATOR**

# TECHNICAL DATA

## VUCAM®

TECHNICAL SPECIFICATION***	VUCAM D 4 MM	VUCAM D 6 MM
<b>Diameter</b>	4.0 mm / 0.15"	6.0 mm / 0.23"
<b>Working length</b>	1.1 m / 3.61 ft.   2.2 m / 7.2 ft.   3.3 m / 10.8 ft.	2.2 m / 7.2 ft.   3.3 m / 10.8 ft.   6.6 m / 21.6 ft.
<b>OEM Tip Adapters</b>	1 available option: 90° DOV 85° FOV	3 available options: 90° DOV 120° FOV   90° DOV 45° FOV   0° DOV 120° FOV
<b>Direction of view (DOV)</b>	Standard 0° forward	Standard 0° forward
<b>Field of view (FOV)</b>	Standard 85°	Standard 45°
<b>Articulation</b>	4 x 160°	4 x 130° – 2.2m   4 x 120° – 3.3m   4 x 100° – 6.6m
<b>Fullscreen-Mode</b>	✓ – Touch screen to activate	✓ – Touch screen to activate
<b>TV-OUT</b>	-	-
<b>Audio-IN/OUT</b>	-	-
<b>VIDEO OVER LAN</b>	-	-
<b>Digital Zoom</b>	✓	✓
<b>FLIP (H / V / B)</b>	✓	✓
<b>Screen Rotation</b>	✓	✓
<b>VULINK Cable</b>	-	-
<b>VULAN Cable</b>	-	-
<b>Adjustable Buffer</b>	✓	✓
<b>Probe Construction</b>	Four layers   torsion-resistant and flexible   Final layer cut resistant tungsten	
<b>Focal range</b>	90° DOV 2 mm to 35 mm (80 mm*) using the range of optical adapters   0° DOV 4 mm to 40 mm (80 mm*)	
<b>Illumination</b>	Special high power hybrid LED glass fiber illumination   digital illumination control (auto/manual)	
<b>Luminosity</b>	Lifetime warranty   High efficiency LED illumination   4 Watt   color temperature: 6.500 K (daylight quality)	
<b>Display</b>	High resolution 5,7" LED backlight TFT touch screen   640 x 480 px   anti glare	
<b>Display dimensions</b>	(h) 75 x (w) 196 x (d) 73 mm / (h) 0.25 x (w) 0.64 x (d) 0.24 ft	
<b>Monitor construction</b>	Rubber bumper protectet carbon fibre construction   screen shock   absorbing floating integrated   dust ans splash proof	
<b>Handle construction</b>	Coated high resistant aluminium handpiece and steering knobs   aluminium	
<b>Data Storage</b>	SD card 16 GB supplied (optional 32 GB)	
<b>Power Supply</b>	LiFePo Battery 6.4 V   mains input 100-240VA 50/60 Hz output 12 VDC max. 2.5AMP   Field replacement unit   Air transportable   Charge and use facility   Quick charge facility	
<b>Image and Video Recording</b>	Autostop   Autosplit   Freeze   MPEG and JPEG file Format	
<b>Mounting</b>	¼" mounting for operation with standard tripods and magic arms Manfrotto®	
<b>Integrity</b>	Water and pressure tested   Probe 1.5 bar   2.5 psi fully immersible over the full length   system - IP 54 splash proof and dust proof	
<b>Weight</b>	>1.5kg incl. battery (depends on probe length)	
<b>Shock Resistance</b>	Vibration 3 g random at 20Hz to 2 kHz, 10 min per axis; Shock 50 g 11 ms half-sine three axis.	
<b>Operating Temperature</b>	System-Storage -40°C (-104°F) to +70°C (+158°F)   Operation System: -20°C (-4°F) to +50°C (+122°F) Probe: -10°C (+14°F) to +80°C (+176°F)	
<b>Operating Instructions</b>	Full version hard copy supplied with unit. Electronic version supplied on SD card.	
<b>Warranty**</b>	One year including lifetime warranty on light source and carbon housing; optional 2 years system warranty.*	

Other lengths, diameters and model upon request, such as the LAN..

\* Noise Reduction Filter = OFF

\*\* Typical wear and tear components like articulation cable and insertion tubes and batteries are excluded. Accessories of foreign suppliers will have their own warranty.

\*\*\* For further specifications, please refer to the operating instructions. | Equipment is not intrinsically safe or explosion-proof. Do not deploy in hazardous atmospheres. All specifications are subject to change without notice due to technical progress.

WARNING! Not for medical use. Never use close to electrical facilities, or in hazardous or explosive environments. US or EUROPEAN patents may apply to all INVIZ® and VUCAM® products. Microsoft®, Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and / or other countries.

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# VUCAM<sup>®</sup> D

## XPANDING YOUR VU<sup>®</sup>

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