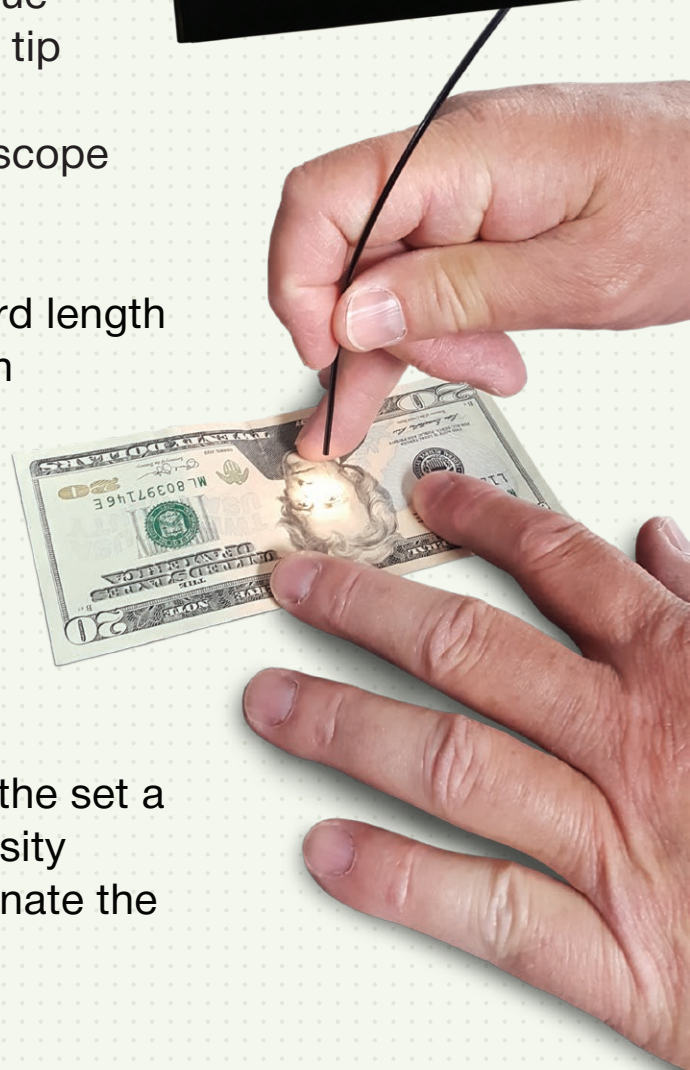
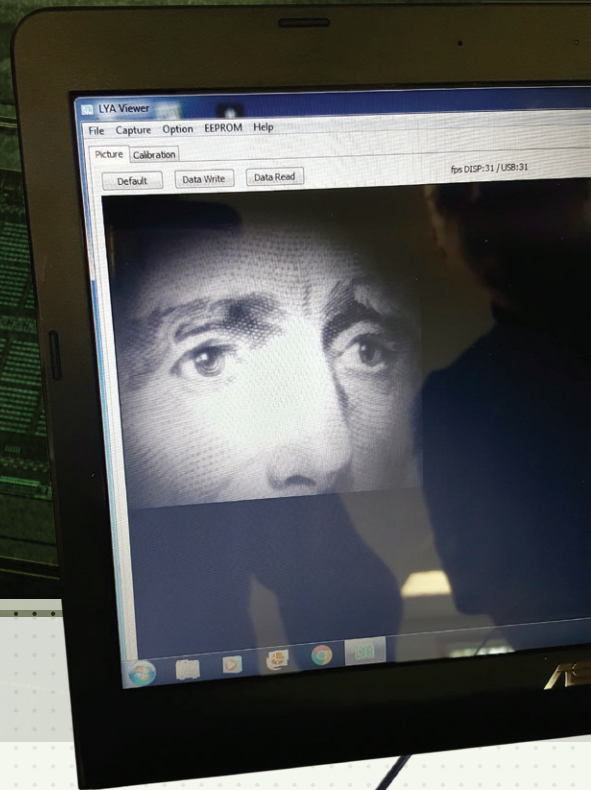


MICRON Ultra Thin USB Video Borescope

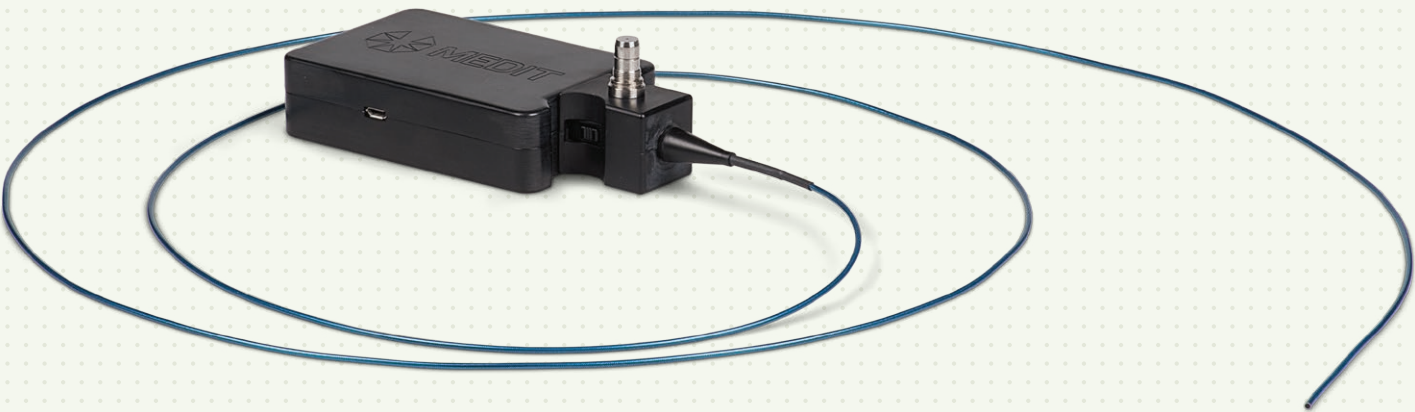
The Micron Videoscope is among the smallest Videoscopes you will find on the market. The outer diameter of the probe is 1.9mm (0.075") in diameter, and flexible, allowing it to be inserted into many different areas. While we do sell fiberscopes that are this diameter or a lot smaller, all of the fiberscopes have an image bundle that runs from the tip to the eyepiece which makes them nowhere near as flexible or capable of making the same types of bends.

This also means that the Micron does NOT have a netted, or pixelated image. This is due to the direct color video camera chip in the tip of the probe. This gives you a much better image than you would ever get with a fiberscope and camera combination.

The Micron Videoscope comes in a standard length of 2 meter (6.5 feet), though we can custom manufacture a variety of probe lengths. These units are designed to access very small areas, they are manufactured in the US, using very durable, and high end components, with a color CIS CMOS video camera chip in the tip, which produces an image of 160,000 effective pixels. We also include as part of the set a portable LED light handle with built in intensity control and a rechargeable battery to illuminate the inspection area.



As there is no eyepiece you connect the camera processor directly to a computer or laptop via a USB cable, and use the viewing program to view the live image on your device, and to easily capture live images and video of your inspections. Live video is captured at 30 frames per second and the focal range is from 3mm to 50mm, with a wide angle, 90 degree field of view. The probe is protected by an ETFE plastic coated sheath, and the distal tip of the probe is only 5mm long for the objective lens and camera.



Product Highlights:

Outer Diameter:	1.90mm (0.075")
Working Length:	2000mm (6.56 ft.) - Custom Lengths Available
	160,000 Pixel Color CIS CMOS Sensor
	5mm Rigid Distal End
	ETFE Coated Flexible Insertion Tube
	90° Field of View (FOV)
	0° Direction of View (DOV)
	3mm – 50mm (0.12" – 2") Focal Range
Effective Pixels:	400 x 400 (160,000)
	USB Interface Between Camera Control Unit and a Computer
Frame Rate:	30 fps
	Distortion in air \leq 25%