

Head-Mounted Display

The MicroOptical CV-3 makes portable practical

The MicroOptical CV-3 Video Viewer easily attaches to prescription or safety eyewear and allows you to view live video while maintaining your natural field of vision. Focus on your inspection without repeatedly diverting your attention to an extraneous monitor. Featuring full VGA resolution, the CV-3 exhibits unparalleled clarity and can be read easily even in the brightest sunlight.



■ The MicroOptical CV-3 used in power industry inspection.



■ The MicroOptical CV-3 Kit



■ The MicroOptical CV-3 is designed to attach to safety or prescription eyeglasses

Features and Benefits

The MicroOptical CV-3:

- Conduct inspections without obstructing your view
- Simple setup (plug and play)
- Lightweight and comfortable – The head-mounted unit is only 1 oz., so you can hardly tell it is there. The control box is only 1 oz. (4 oz. with battery) and clips directly onto your belt. A variety of eyeglass adapters allow you to use it with almost any pair of glasses.
- Operates with the XL PRO™/XL PRO Plus VideoProbe®, LongSteer® VideoProbe and Ca-Zoom® PTZ-6.0 systems
- Ideal for use with fiberscopes/borescopes using BCAM-1000 block video camera
- 5 hours of runtime on one charge

The MicroOptical CV-3 Kit Includes:

- MicroOptical CV-3 instrument viewer
- Safety glasses
- 4 eyeglass adapters
- Rechargeable battery
- Battery charger
- Belt-worn pouch
- Hardshell carry case

Technical Specifications

Cable Length:	4 ft. 6 in. from the head unit to the belt control box
Head-Supported Weight:	35 grams / 1.25 ounce
Storage Temperature:	-20 to 60°C (-4 to 140°F)
Operating Temperature:	0 to 60°C (32 to 140°F)
Charger Power Input:	100 – 240 VAC, 0.3A 50/60 Hz
Video Input:	S-Video: NTSC or PAL auto-detected
Video Resolution:	VGA (640 x 480), 18-bit color
Eyeglass Frame Size:	Fits many standard eyeglasses and safety glasses
Focus Range:	Approximately 16° horizontal 20° diagonal Field of View
Optics:	Left- or right-eye option



■ The MicroOptical CV-3 used in aircraft engine inspection

The Head-Mounted Display operates with the following Everest VIT® products:



Powered by
iVIEW™

VideoProbe® XL PRO™/XL PRO Plus System

Advanced, portable, high-resolution, digital video borescopes with measurement



Flexible Fiberscope with BCAM-1000

Video-ized fiberscope and borescope product lines



Powered by
iVIEW™

Ca-Zoom® PTZ Series

High-power zoom (up to 300:1) with joystick-controlled color pan-tilt-zoom camera and color VGA display



ISO 9001
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ABOUT EVEREST VIT

Everest VIT is the industry leader in the development of Remote Visual Inspection (RVI) equipment, sales, on-site service, rentals and training. RVI provides viewing capabilities from a remote location, enabling companies around the world to inspect machinery, facilities and infrastructure in the safest, quickest and most cost-effective manner possible. Everest VIT's innovative products have been used to streamline the inspection process in all industries where safety, security and accuracy are of paramount concern, such as aviation, power generation, processing, manufacturing, law enforcement and infrastructure.

www.everestvit.com

To schedule a product demonstration or to find out more:

Equipment Sales: 888-332-EVIT (3848)

Rentals & Inspection Services: 800-979-24X7 (2497)

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