

A person wearing a light blue button-down shirt and khaki pants is holding a handheld video scope. The scope is black and has a small screen on top. A long, thin, black probe is attached to the bottom of the scope. The person is holding the handle of the scope with their right hand and the probe with their left hand. The background is plain white.

Optim



FREEDOMVIEW®
LED VIDEOSCOPE

Discover the freedom of our scopes

Optim has once again revolutionized the everyday inspection procedure with the FreedomView LED Videoscope. A completely portable, lightweight, handheld videoscope with all functions incorporated into a sleek handle design. Our patented, innovative lighting technology makes viewing hidden areas easy.



FreedomView® LED Videoscope



The handheld FreedomView® LED Videoscope transforms your field inspections with our patented, integrated LED light source and compact handle design, providing exceptional visibility and flexibility. The FV Videoscope's sleek design allows you to conduct a variety of inspections quickly and safely. Priced with your budget needs in mind, the FV Videoscope puts the most challenging inspections within your reach, in seconds.

- Store 8,000+ still images
- Capture still images + streaming video
- JPG and AVI files
- Time + date stamp



Kits are packaged in a rugged carrying case. Kits include (2) rechargeable li-ion batteries, charger cradle with AC power supply, 8GB SD memory card and operator's manual. Optional accessories include videoscope stand, flexible protective guide tube, and window wedge.

Insertion shaft
immersible in liquid

Superior LED lighting

11 mm distal tip

6 mm diameter
insertion shaft

2.0 m shaft length

Rugged tungsten braid

Easy access to
USB connection and
SD memory card

Protective
side bumpers

Easy on/off

3.7 inch screen
• Full screen display
• Touch screen

Transflective display
• Improves viewing quality

4-way joystick controlled
tip articulation

Variable Light
intensity controls

Lightweight
• 2.3 lbs (1,000 g)

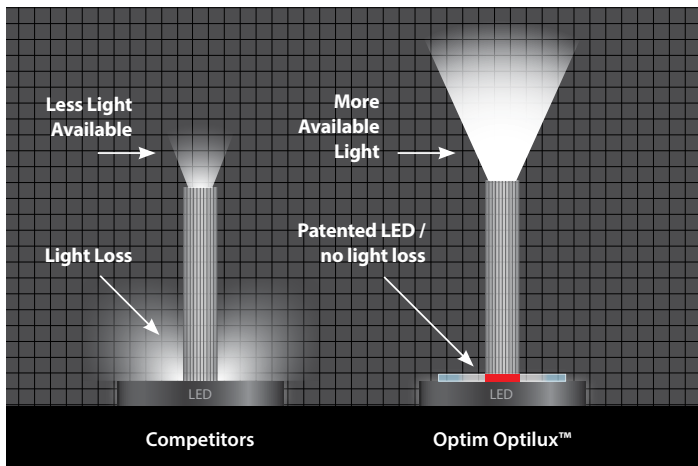
Battery compartment
• Rechargeable li-ion
• 2+ hours operating time



Specifications & Information

Flexible length	2.0m (79")
Shaft diameter	6.0mm
Exterior	Tungsten Braid
Weight	1,000 g / 2.3 lbs
Articulation	Joystick Control - 110° up/down/left/right
Depth of field	5mm to ∞
Field of view	80°
Illumination	Integrated LED Light Source
Image Capture	Still images and Streaming video
USB Output	Mini B Terminal Ver 2.0 Video Capture
Media Storage	SD Card
Media Storage Location	Side access
Still Image	JPEG 400 x 400 pixels
Streaming Video	Motion JPG (AVI file extension)
Removable Storage Capacity	Approx. 8000 images (8 GB SD card)
Still Image Display	Full screen display or thumbnail (9-images)
Video Controls	Play / Pause
Stored Image Delete	Yes
Time and Date Stamp	Yes
Language	English
Operating Temperature	Device: -20°C to 40°C Shaft: -20°C to 70°C
Power Supply	Rechargeable Li-Ion Battery
Battery Life	2+ hours operating time

Optilux™ *Patented lighting design; more light, better image*



Optim's unique LED light source to fiber light guide coupling technology, Optilux™, in the FreedomView® Videoscope brings unmatched illumination to the end of the scope, where it counts.

Joystick control allows 110° articulation up/down/left/right



All Optim industrial products are compliant with cGMP (current good manufacturing practices) and produced in our Sturbridge, MA, facility to ensure adherence to stringent quality requirements and responsive service and support.

Service and Repair:

Exceptional customer service is a hallmark of our business at Optim. We recognize the professionals who use our products rely on them to achieve their goals. To ensure their satisfaction, we maintain close relationships with our customers and provide the highest level of service on a day-to-day basis.

Should an Optim product ever need service or repair, we provide expert, responsive service right here in the USA at our manufacturing facilities in Sturbridge, MA.

Warranty:

All Optim products offer a standard one-year warranty against manufacturer parts and workmanship.

The FreedomView Videoscope is ideal for:

- Aviation Engine Inspection
- Gas Turbine Inspection
- NDT Inspections
- Power Generation
- Military Inspections
- US Customs & Border Protection
- Contraband Search Inspections
- Law Enforcement (Interdiction & Tactical)



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Optim is ISO 9001:2008/
 ISO 13485:2003 Certified

