

CCV-1000 **COBRA** CAM™

UV/White Light Videoscope

(U.S. Patent No. 6,491,408)

This feature-packed video inspection scope is equipped with UV and white light LEDs, making it ideal for a wide range of inspection applications. Its flexible cable with imager head easily “snakes” into internal components and inside concealed areas that are inaccessible to other visual inspection tools. View images live on the video display or capture and download to an SD card or directly to a personal computer. Ideal for non-destructive examination, forensic inspection, fluorescent leak detection, component inspection and other specialty applications!

Features

- ✓ UV LEDs have a wavelength of 365 nm, and provide a nominal steady-state UV-A intensity of $850 \mu\text{W}/\text{cm}^2$ at $3/4$ in (2.0 cm).
- ✓ Video Display Unit (VDU) features large, high-resolution 3.5 in (8.9 cm) color LCD screen for crystal-clear viewing.
- ✓ Compact, 10 mm imager head with side-mounted camera surrounded by four UV and two white light LEDs allows easy access into confined spaces.
- ✓ Camera wand includes image capture button, LED light intensity adjustment and UV/white light toggle switch for simple, one-handed operation.
- ✓ Captured images can be repositioned, rotated and zoomed for greater detail.
- ✓ Lightweight, shock- and water-resistant housing with rubberized grip for safe, easy handling.
- ✓ USB port and SD card (included) for downloading captured images to a PC.
- ✓ Powered by a rechargeable 2.4V DC NiMH battery pack (included). Provides up to one full hour of continuous use between charges.



The CCV-1000 COBRA CAM™ also includes a battery charger, charging cradle, VDU stand and padded carrying case.



SPECIFICATIONS

Light Sources:

Four UV LEDs and two white light LEDs

VIDEO DISPLAY:

Resolution:

320 x 240 pixels

Screen:

3.5 in (8.9 cm) TFT LCD 24 bit RGB

Functions:

Directional controls (up, down, left, right), image rotation (360°, in 90° increments) and zoom (1X, 2X, 4X)

Camera Lens:

640 x 480 pixels, 24 bit RGB, wide-angle with auto-focus. Depth of field— $\frac{3}{4}$ in (2 cm) to infinity.

DIMENSIONS:

Video Display Unit (VDU):

Length: 8.0 in (20.3 cm)

Width: 4.1 in (10.4 cm)

Height: 1.75 in (4.4 cm)

Weight: 1.4 lb (635 g)

Camera Wand:

Length: 7.0 in (17.8 cm)

Width: 1.0 in (2.5 cm)

Height: 1.0 in (2.5 cm)

Flexible Camera Cable Length:

24 in (61 cm)

Reach from Camera to Display:

82 in (208 cm)

Housing:

Shock- and water-resistant ABS with rubber grip

Power Supply:

2.4V DC NiMH battery pack (rechargeable)

Continuous Run Time:

1 hour

Charge Time:

1 hour (approx.)

REPLACEMENT PARTS:

127211 NiMH Battery

127212 Charging Cradle

127213 Visual Display Unit (VDU)

127214 Battery Charger



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