

MedRx CAM

USB-Powered Diagnostic Video Otoscopy



The MedRx CAM has advanced ergonomics and features that provide crisp imaging with simplified set-up and operation

- Deluxe 3mm stainless steel tapered probe
- Waterproof compact camera with dual buttons for white balance and image capture capability
- Long depth of field therefore, no focusing required
- Battery powered LED light source with spare batteries and charger
- Small, lightweight and user friendly
- Single USB cable for easy connectivity to a computer

**Windows® 7
and XP
Compatible
Video Otoscope
Software**

The MedRx CAM is designed to easily interface with a laptop or desktop computer via a USB cable.

This enables the clinician to capture, view and store digital images in our user friendly NOAH,™ Sycle.Net & TIMS® compatible VO software.

OS-S-ADH141-1

MedRx

www.medrx-usa.com

Medrx CAM features and specifications:

- BF Type camera
- Sensor CCD 1/4" high sensitivity
- Resolution of the sensor (752 x 582) PAL
. (768 x 494) NTSC
- Definition 470 lines
- Sensitivity2 lux
- Signal/Noise Ratio52 dB
- Electronic shutter .Automatic (1/50 to 1/100 000)
- Variable surface of analyze for the shutter
- Automatic white balance
- Video enhancement "SHARPNESS"
- Electronic anti-moire filter for flexible fiberscope
- Adjustments of the video parameters
- Automatic detection of the color temperature according to the used light source
- Automatic saving of the adjustments parameters
- 2 programmable buttons
- Cable length 3 meters, Ø:5 mm
- 1 USB 2.0 output
- Power supply5 V DC
- Power consumption2.5 VA

Features of the camera head

- ABS-PC waterproof camera head
- CS-Mount made of aluminum
- Size of the sensor L = 87mm; Ø = 30 mm
- Weight of the sensor210g

Deluxe Probe

- Field of view 60 degree + 10-5 degree
- Focal plane from tip .25" (+/- .125")
- 360 degree glass fiber light at tip
- Conventional optical elements, color corrected
- Minimum intensity 750 FC at 1"
- Working length 1.125" from shoulder
- Tip diameter .120"
- Tapered tip
- Stainless steel body
- Serialized
- Integral glare reduction filter
- 50 grams total weight
- Normal erect image orientation
- Overall length 3.22"
- Body diameter .7"
- Maximum diameter 1.225" dia.
- Swivelmount
- FFA.OS fiber optic socket
- CS mount
- Impervious to alcohol cleaning

Battery Powered LED Light Source

- 1.25 watt White LED
- 3 AAA, Ni M-H Batteries
- Battery Charger with 3 spare batteries
- Stainless/Aluminum Housing with On/Off Switch

Video Camera

Specifications :

- **Image Sensor:** 1/3" Color Interline Transfer CCD
- **Scanning System:** 2:1 Interlace
- **Effective Picture Element:** NTSC: 768 (H) x 494 (V)
- **Horizontal Resolution:** 480 TV Lines
- **Horizontal Frequency:** 15.734 kHz
- **Vertical Frequency:** 59.94 Hz
- **Sync System:** Internal
- **Minimum Illumination:** 0.17 Lux @ F1.2, 50 IRE (AGC On)
- **Gamma:** 0.45
- **DSP:** 10-Bit DSP
- **White Balance:** push to set
- **Mirror Function:** Normal/Mirror Selectable via DSP
- **Serial Port:** RS-232C Serial I/O Port
- **Electronic Shutter:** 1/60 NTSC to 1/100,000 Second

- **Fixed Shutter:** 1/60 Second
- **Flicker Compensation Mode:** On/Off via DSP
- **Electronic Iris:** 1/60 (1/50) to 1/100,000 Second
- **Back Light:** On/Off via DSP
- **Lenses:** CS Mount Lens Mount
- **Video Out:** Composite Video or Y/C Out
- **Power Supply:** 12V DC
- **Power Consumption:** 150mA
- **Operating Temperature:** -10°C ~ 45°C (14°F~ 113°F)
- **Storage Temperature:** -30°C ~ 60 °C (-22°F~140°F)
- **Weight:** 65g (2.29 oz.)
- **Dimensions:** 36 (W) x 36 (H) x 37.35 (D) mm (1.44" x 1.44" x 1.49 ")

Distributed by:



1/10 Dorsey Street, Milton, QLD 4064
PO Box 1869, Toowong DC, QLD 4066
Free call: 1800 639 263 **F** 07 3368 1044
E enquiry@sonici.com.au **W** www.sonici.com.au