

Precision Sensors Design Inc.  
精匠微電子股份有限公司

# Wireless Digital Video Otoscope

Precision in Every Detail

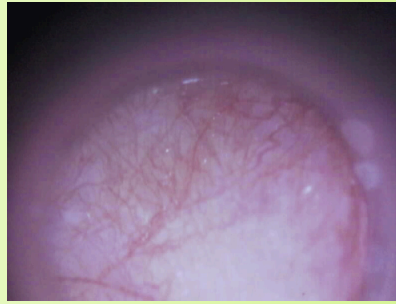
PXD Presents  
**High Display Quality**  
**Medical Pocket Otoscope**



Website

## Clear Examination of the Eardrum and Ear Blood Vessels

- Manual focus, 16 brightness levels, and 400% digital magnification adjustment ensure clear resolution on the desired spot.
- Easy-to-use controls allow for quick adjustments, making it suitable for both professionals and home users.



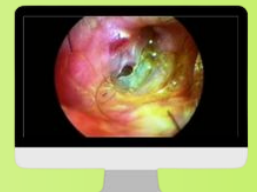
## Innovative Engineering Design

- The speculum holder is made of lightweight, highly corrosion-resistant zinc alloy, soft skin-coated body, and features 5 built-in LEDs, delivering powerful illumination for the otoscope.
- Images and videos can be captured with a single switch operated by the thumb, conveniently positioned for easy and comfortable use.
- The images and videos can be saved with a resolution of HD 1280 × 720 at 30 frames per second.



## Compatible with adults, children, and animals.

- Comes with five different sizes of specula, designed for easy fitting on children (3-4mm), adults (4-6mm), and animals. This ensures versatility and comfort for various ear canal sizes across all users.
- A special speculum is included for safely removing earwax or foreign objects from the ear while using the otoscope.



## Compatible with Various Operating Systems

- Equipped with two operating functions—wired (USB 2.0) and wireless (WiFi).
- Compatible with Windows, Mac OS, and Android phones
- Powered by a rechargeable NiMH battery, ensuring high safety and minimal self-discharge
- Operate with an impressive 70ms latency for real-time

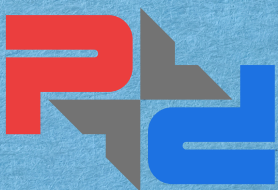
# Specifications



<b>Model</b>	PSD-WOT01
<b>Operating Display</b>	Wired (USB) and Wireless (WiFi)
<b>Light</b>	5 built-in LEDs with 16 brightness levels
<b>Camera</b>	5 MP HD camera with 1280 x 720 pixels resolution
<b>Zoom</b>	400% maximum
<b>Focus</b>	Manual adjustment (Object to Lens)
<b>Power source</b>	Rechargeable NiMH battery pack of 3 with 3.6V 800mAh/battery
<b>Charging and Operating time</b>	Charging time <1 hour Operating time 2.5 hours (full charge)
<b>Power Adapter</b>	USB2.0, USB Mini with 5V DC 0.8A
<b>Dimensions</b>	LWH 170*70*40 mm, weight 155 grams
<b>Operating Compatibility</b>	Windows 7+ and Mac OS 10.8+ with wired. iPad Air 2, iPad mini 3+, iPhone 6+, and Android 6+ with dual band WiFi support

# We Provide

1. Wireless Otoscope
2. Speculas
3. USB-A to Mini USB 2.0 Cable
4. USB thumb drive with software
5. Wrist Strap



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