

# All-Embracing Perspective Revolutionary Clarity **UHD Series**

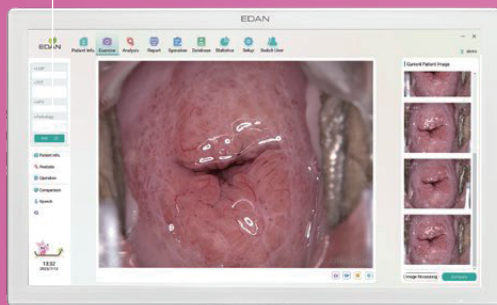
Video Colposcope



# UHD Series Video Colposcope

23.8" medical-grade 4K monitor  
Supports multi-angle flip

User-friendly control panel



Flexibly adjusting the viewing angle



One button to start

Storage basket

Observation with multi-angle

Optional color printer

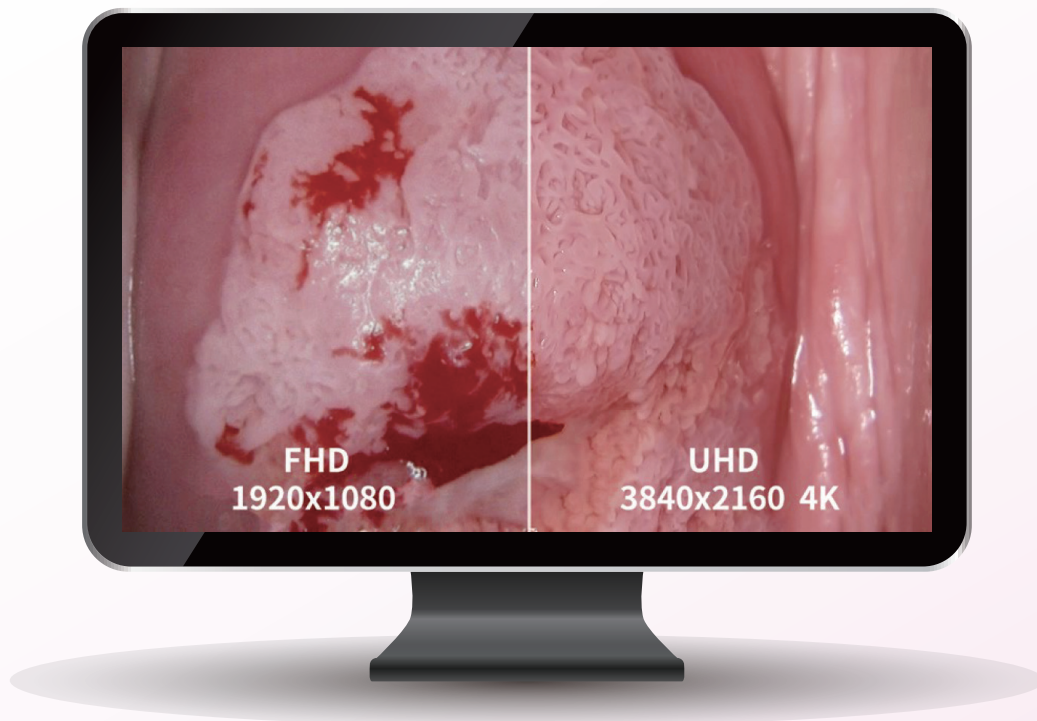


# Ultra HD imaging

## 4K Camera System Provides Insights into Lesion Details

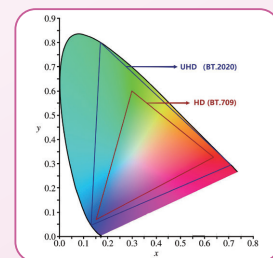
C12 UHD is equipped with the latest SONY 4K CMOS technology, featuring over 8 million pixels and a resolution of 3840x2160.

This ultra-high-definition field of view meticulously presents the details of tiny lesions and vascular morphology, capturing every moment of the changes in acetic acid test and vascular characteristics with exceptional clarity.



## Ultra-Wide Color Gamut for True-to-Life Colors

BT.2020 wide color gamut display offers a broader range of color levels, resulting in richer and more accurate color observation. The ultra-high color reproduction ensures that colors are natural and realistic, faithfully restoring the colors of human tissues.



## Medical-Grade 4K Display for an Enhanced Visual Experience



8MP high resolution for fine picture quality



Supports 7 high-precision gamma correction modes, ensuring optimal image effects



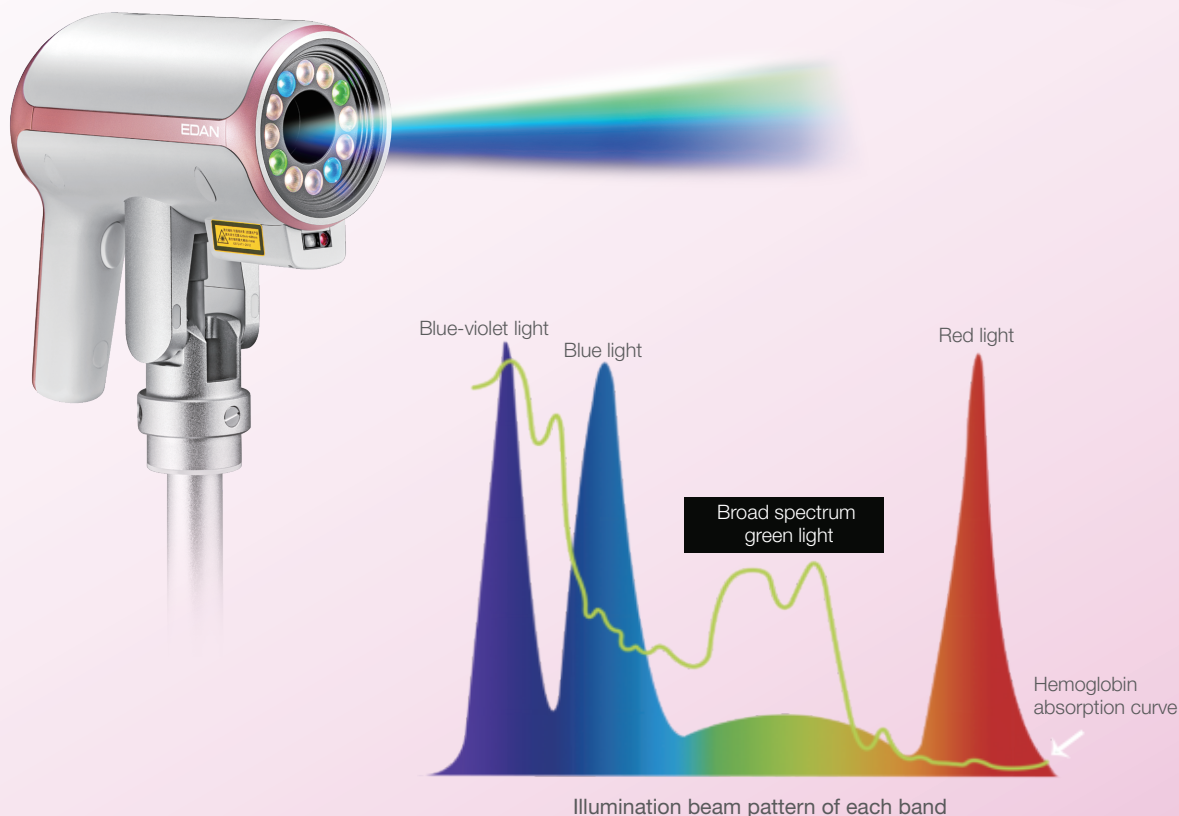
Supports 5 color spaces and 4 color gamut selections, making color presentation more accurate



Medical-grade monitor, meeting all safety and quality standards for medical devices

## Multispectral Light Source Imaging

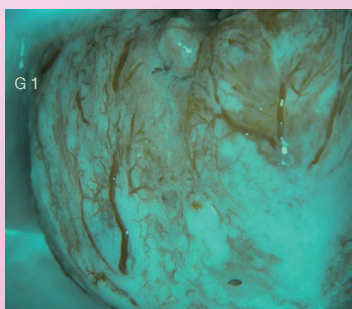
Multispectral light source imaging technology utilize a combination of white light and narrow-band light source to enhance the visibility of cervical epithelial blood vessels and tiny lesions. It leverages hemoglobin's strong absorption characteristics of blue light and green light to highlight microstructural changes in abnormal-shaped blood vessels and clearly define the boundaries of lesions.



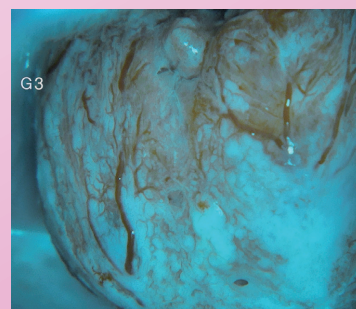
By using white light along with blue and green narrow-band light, the multispectral filter imaging further highlights the contrast of blood vessels at different depths. This aids in identifying blood vessel differences in cervical intraepithelial lesions across various levels, providing a clearer understanding of lesion characteristics.



white light imaging



Electronic green light imaging



Multispectral filter imaging

# Intelligence • Efficiency

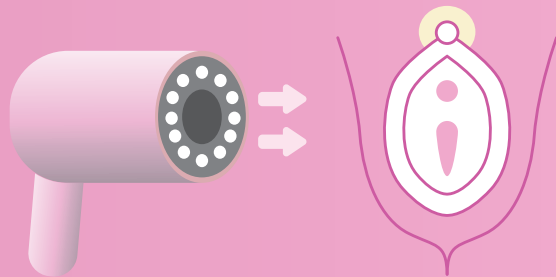


## User-Friendly Control Panel

- Software shortcut function keys, allowing you to switch between patient information, observation and examination, examination and analysis interfaces with one click, comprehensively improving work efficiency and operating experience.
- High-performance "all-in-one" azimuth key offers sensitive control over magnification and focal length, enabling precise laser distance measurement with one click. This feature maintains lens stability during operation, ensuring consistent image quality.

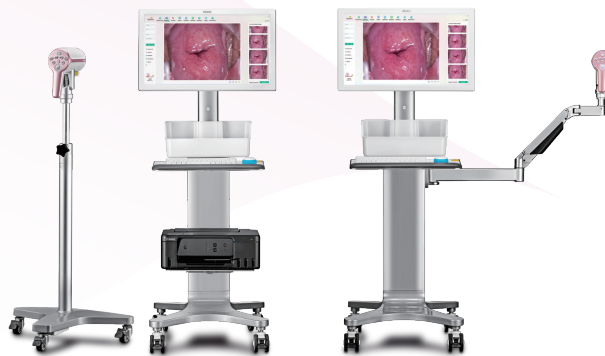
## Automatic Ranging Guidance

Using advanced laser ranging technology, it intelligently prompts the optimal working distance, allowing operations to be completed in a single step. This eliminates the need for repeated lens adjustments, enabling efficient image acquisition work and ensure high-quality results.



## Intelligent Gesture Recognition

- The innovative gesture control system minimizes lens shake during image acquisition, ensuring precise imaging and quick focus. This technology reduce the risk of cross-infection by minimizing contact during use.



## C9 UHD/C12 UHD

Video Colposcope



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UHD-V1.0-20240614