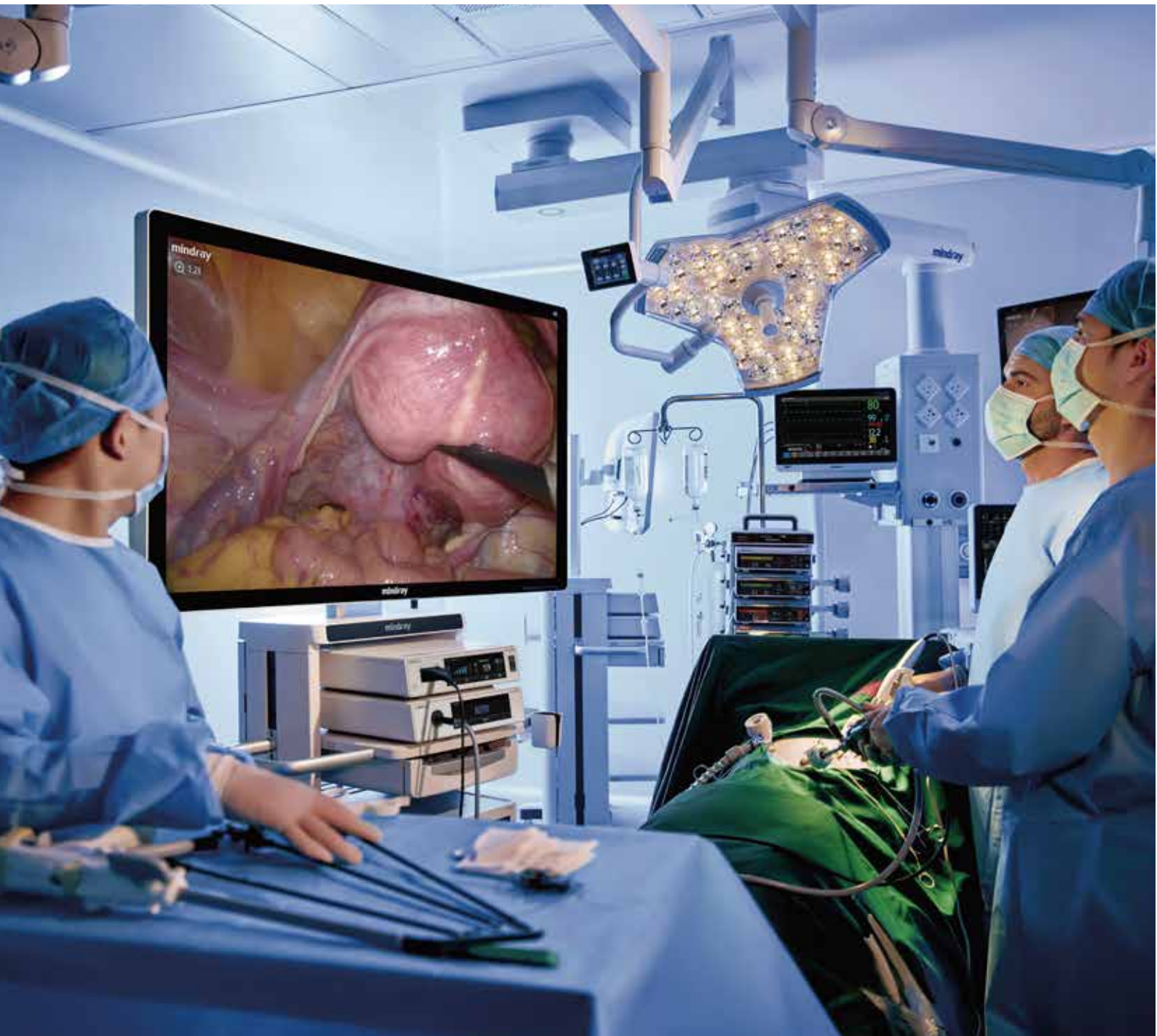


mindray

UX3 Series-4K

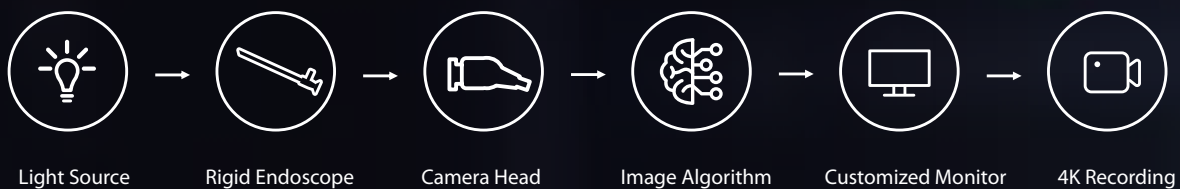
Endoscope Camera System

Vision Beyond Imagination



Full-chain Independent R&D

The integration of the new generation hardware platform with novel software algorithms greatly elevates image performance. AutoFocus, Automatic Scene Recognition and the Intelligent Image Algorithm work together to present high quality images.

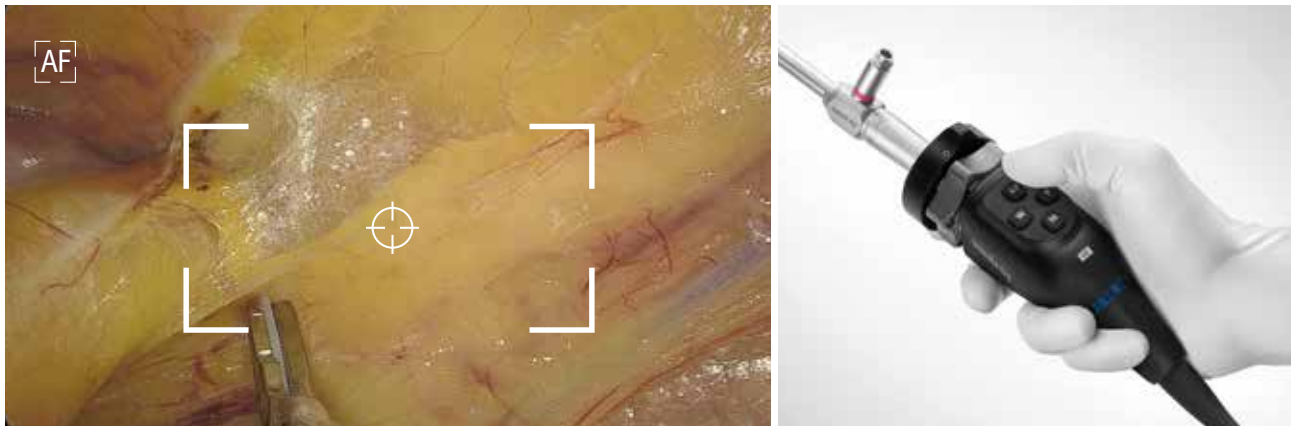




Smart View Exceptional Image Quality

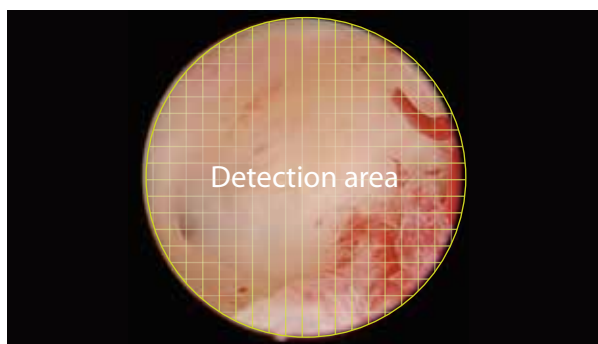
AutoFocus, and high quality image achieved with one touch

The perfect combination of mechanical structure, optical design, and the powerful computing power of the new imaging chip brings effective precision focusing and reduces manual operations, allowing the surgeon to focus on the surgery with a perfect image.

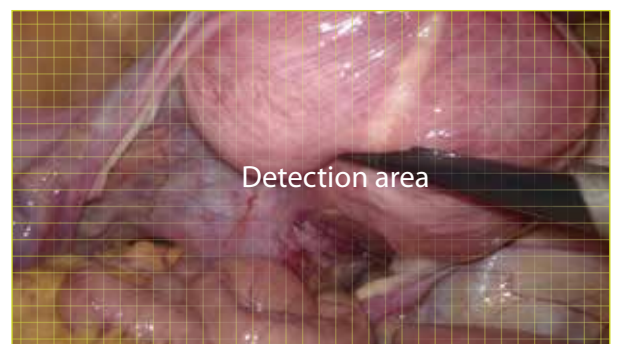


Automatic scene recognition, intelligent brightness adjustment

Smart exposure: Determine different detection areas according to different scene and accurately match the exposure parameters without the need to manually switch department modes.



Small diameter scope scene (e.g. hysteroscope)



Laparoscope scene

Automatic dimming: The camera system can automatically adjust the intensity of the light source in real time according to the exposure requirements of the current image, and ensure appropriate brightness.

eImage Intelligent Image Algorithm, Even in Extreme Circumstances

A variety of image post-processing algorithms make up for uneven lighting, local overexposure, thick fog etc., delivering clear, structured and layered images even in extreme scenarios.

B[↑]_{RT.}
Homogenous
Brightness



D[↑]_{TL.}
Detail
Enhancement



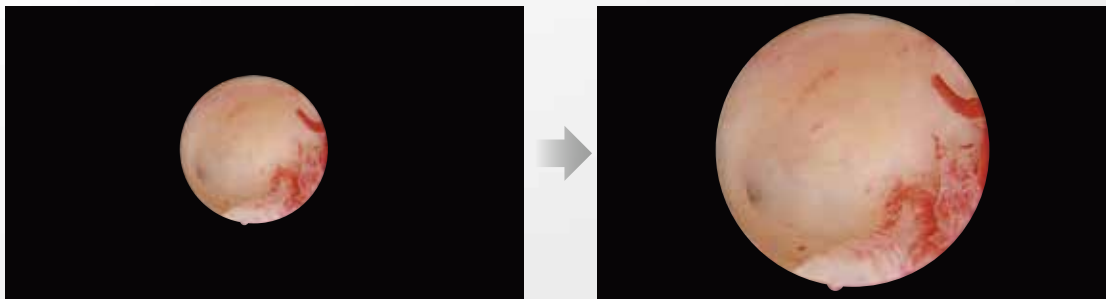
C[↑]_{LR.}
Color
Enhancement



Intelligent Control Flexible Mastery

Automatic Adaptive Zoom achieved with one touch

Intelligent recognition of endoscope type and automatic adjustment with adaptive zoom reduces the need for repeated manual adjustment, and ensures ideal visibility for different surgeries.



Small diameter scope - One Touch to adaptive Zoom



Laparoscope - One Touch to Full Screen

Built-in 4K recording with Variable BitRate + H.265 encoding

4K high-quality video recording vividly reproduces the whole process of surgery, bringing quality academic sharing. Meanwhile, Variable BitRate and H.265 encoding reduce the file size of the same quality by 50%, meaning less worry about storage.





32/55 inch 4K Monitor

4K Endoscope Camera System

LED Light Source

Automatic dimming of the whole series

White Light Camera Head

Weight: 190 g

Focal Length: 22mm / 29mm

Insufflator

50L/mm

10/5 mm Rigid Endoscope

Multi-specification rigid
endoscopes available

Digital Video Recorder

Access to hospital PACS system
Simultaneous recording of two signal
sources available



mindray
healthcare within reach

TECNOIMAGEN
www.tecnoimagen.com.ar | 11-4582-2222