

Product Configuration

Vetina CS5 Ultra

Veterinary Endoscope System

One Touch True 4K

companion animal



Q | Search Mindray Animal Medical



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P/N:ENG-Vetina CS5 Ultra-210285X8P-20260605

Excellent Image

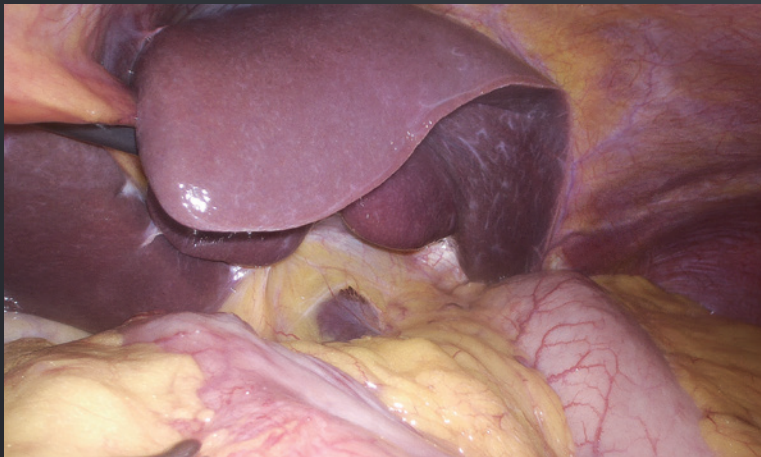
4K All the Way

From image acquisition to image output, true 4K resolution

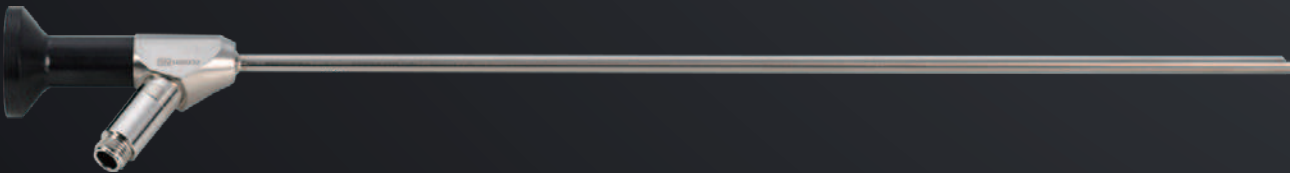


Ultra HD

- Clear distinction between anatomical structures
- No visible image noise, with well-defined tissue layers



Autoclavable Anti-Fog 4K Laparoscope



25-150mm

extended depth of field

Special anti-fog

technique

Effectively

avoids lens distortion

5mm

suitable for veterinary applications

Enhancement Algorithm

Confident Visibility in Extreme Scenarios

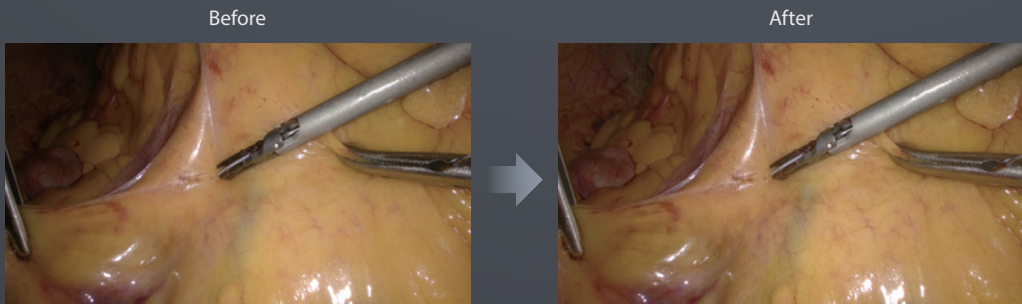
VImage Intelligent image processing keeps the surgical field clear even during challenging conditions

Post-processing algorithms compensate for uneven lighting, local overexposure and dense smoke



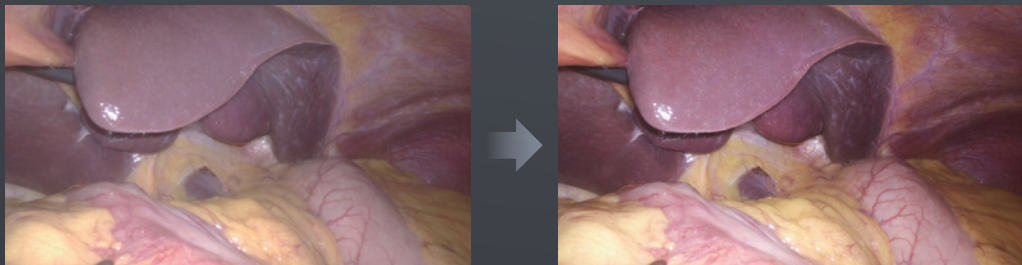
B[↑]_{RT}

Homogeneous Brightness



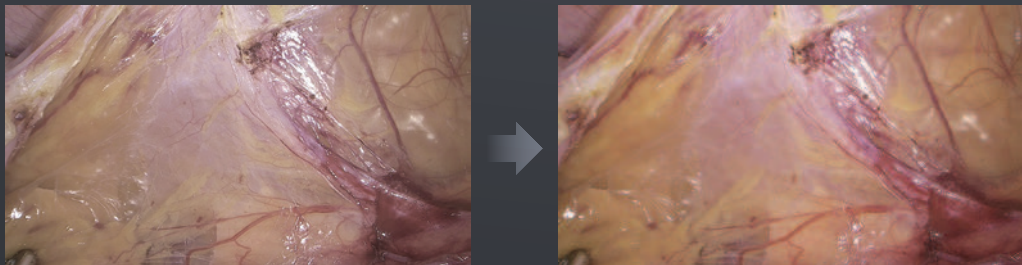
D[↑]_{TL}

De-grid Optimization



C[↑]_{LR}

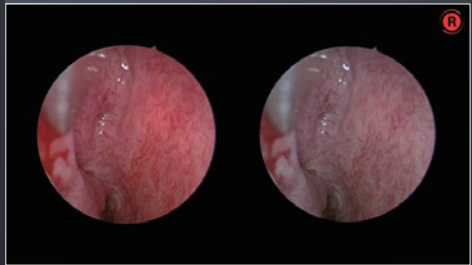
Anti-laser Optimization



Tone Enhancement

R Mode

Reinforces tissue-vessel contrast



G Mode

Improves visibility of submucosal vessels

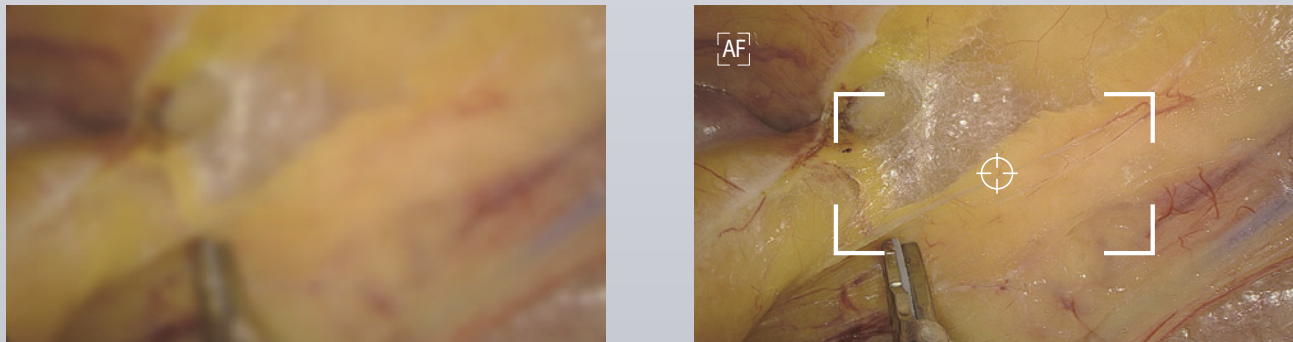


Efficient Control

Move Freely Stay Focused

AF Auto Focus

- One short press of AF button to bring the image into focus
- Algorithm-assisted focus recognition reduces manual focusing frequency



Auto Brightness Adjustment

- Adapts illumination to distance and scene brightness
- Reduces overexposure, underexposure and frequent manual adjustments



Distance to object **3cm**
Low light intensity to avoid high power consumption and overexposure



Distance to object **8cm**
High light intensity, lower noise

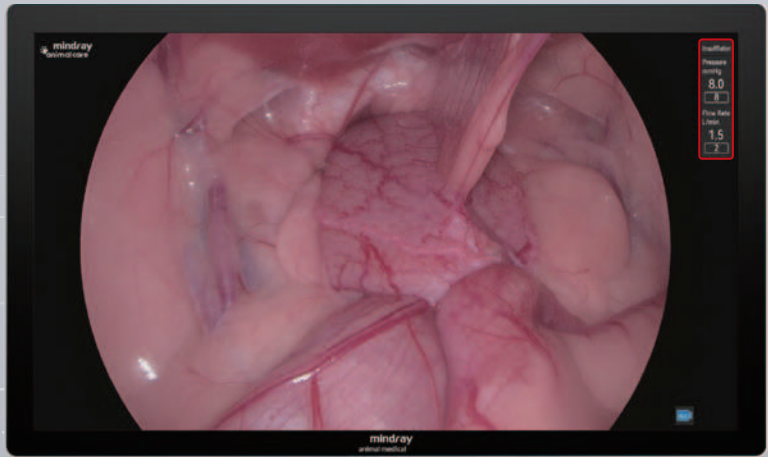


Lighter Camera head

41% lighter than CS7 and 26% lighter than CS3, reducing fatigue during long surgery

One hand control

- **Smart Light**
Press “AF/P/M” key to gradually increase the light intensity to the preset brightness; Press the **W** button to immediately reach the preset brightness
- **Insufflator Control**
Press preconfigured button on camera head to turn on the Insufflator
- **Insufflator Display**
The monitor can display the flow rate and pressure of Insufflator directly on the screen for practicality



Insufflator
Pressure mmHg
8.0
Flow Rate L/min
1.5



Especially for Vets

Animal-specific Design

- Interstellar Cyan Beast Claws: CS Family Design
- Brand New Color



Animal-specific Insufflator

- Preset values specific for veterinary medicine
- **Automatic pressure relief function:** Automatic compensation for leakage to ensure a stable gas delivery and provide good laparoscopic surgery conditions
- **Automatic flow compensation function:** Auto decrease pressure when it is over the limit, to prevent excessive abdominal pressure and ensure the animal's safety

Animal-specific Instrument Kit

Endoscopes & Consumables For Different Procedures



- Doctors can adjust image parameters according to their personal preferences or select any of the 4 preset color styles
- Up to 26 customized configurations can be stored. Load a saved configuration from the control panel with one click

