Introducing the Deflectable-Tip EndoEYE
Advancing Future MIS Through Laparo-Endoscopic Single-Site (LESS) Surgery

**LTF-VP EndoEYE Video Laparoscope**
- **Optical System**
  - Field of View: 80°
  - Direction of View: Forward Viewing
  - Depth of Field: 15-100 mm
- **Insertion Portion**
  - Distal End Outer Diameter: ∅5.4 mm
  - Rigid Portion Outer Diameter: ∅5.3 mm
  - Working Length: 370 mm
- **Bending Section**
  - Angulation Range: Up 100°/Down 100°
  - Right 100°/Left 100°
- **Total Length**: 3600 mm

**LTF-VH HD EndoEYE Video Laparoscope**
- **Optical System**
  - Field of View: 90°
  - Direction of View: 0° Forward Viewing
  - Depth of Field: 15-100 mm
- **Insertion Portion**
  - Distal End Outer Diameter: ∅10 mm
  - Rigid Portion Outer Diameter: ∅10 mm
  - Working Length: 370 mm
- **Bending Section**
  - Angulation Range: Up 100°/Down 100°
  - Right 100°/Left 100°
- **Total Length**: 3600 mm

**EndoEYE Video Laparoscope Line-up**
- **Display**
  - HD
  - SD
  - SD
  - SD
  - SD
  - SD
- **Field of View**
  - 0°
  - 30°
  - 30°
  - 45°
  - 70°
  - 70°
  - 0°
  - 30°
- **Depth of Field**
  - 20 - 100 mm
  - 20 - 100 mm
  - 20 - 100 mm
  - 15 - 100 mm
  - 15 - 100 mm
  - 20 - 100 mm
  - 15 - 100 mm
  - 15 - 100 mm
- **Outer Diameter**
  - 10 mm
  - 10 mm
  - 10 mm
  - 10 mm
  - 5 mm
  - 5 mm
  - 5 mm
  - 5 mm
- **Working Length**
  - 325 mm
  - 325 mm
  - 395 mm
  - 395 mm
  - 300 mm
  - 300 mm
  - 290 mm
  - 200 mm

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Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.
Advancing the Future of Minimally Invasive Surgery

Laparo-Endoscopic Single-Site (LESS) Surgery enables operations to be performed through a single incision in the patient’s navel. These patients benefit from reduced postoperative pain, fewer penetration injuries, and lower infection rates. Patients also experience quicker recovery times and improved cosmetic outcomes.

Benefits for the Surgeon
- No intrusive light post or secondary cable
- Deflectable tip avoids instrument sword fighting
- 100° angulation provides comprehensive observation
- Virtually no fogging

Benefits for the Hospital
- Simple and intuitive setup and handling
- Durable construction reduces long-term repair costs
- Autoclavable design provides cost-effective reprocessing
- Available financing and leasing options

EndoEYE Technology
The distally mounted CCD delivers a consistently brighter image with excellent color reproduction, larger depth of field, and focus-free operation.

Increased Durability
The elimination of the rod-lens system found in traditional laparoscopes results in reduced repair costs.

All-in-one Design
The all-in-one design integrates the light cable and camera system into the laparoscope for improved ergonomics and maintenance.

Advanced Flexibility
The deflectable tip provides a complete 100° field of view to visually capture the desired location head-on, from above, or from behind.

Remote Functionality
Three programmable buttons allow the activation of various camera functions directly from the sterile field, i.e., zoom, PiP, and image capture.

Intuitive Control
Angulation control allows smooth deflection in four directions, while the lock secures the positioning of the scope with just one hand.

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