

Add Hi-Tech Precision to your Surgical Expertise...



Shalya Oculus

The Virtual Eye

- Surgery Specific Custom Menu
- Auto Light Control
- Customizable Reference Area
- Upgradable Recording Facility



Endoscopic Camera



Technical Specifications of Shalya Oculus

Frequency	50Hz or 59.94Hz (Switchable)
Image Sensor	1/3" Full HD CMOS Sensor
Synchronisation	Internal
Head Buttons	3 functional keys
Gain	Manual (OFF/LOW/HIGH) /AUTO
Adjustable Sensitivity	OFF/2x/4x/8x
Red Details	OFF/LOW/HIGH
DNR	OFF/LOW/HIGH
Knee	Manual/AUTO
Brightness	16 Levels
Zoom	16 Levels
Sharpness	4 Band of 16 Levels
White Balance	AWB / ATW / Manual
Electronic Shutter	OFF/ Manual/ALC
Gamma	0.35 - 0.55
Output Port	HDMI/IDVI
Output Format	RGB / RGB (Enh) / YpbPr(4:4:2) / YpbPr(4:4:4)
Video Format	Full HD:1080i/50Hz & 1080i/59.94Hz
S/N	54dB
Touch Control Panel	5" LCD screen
Video Recording	Upto 1080 p (Available with Shalya Oculus-Pro)
Design Standard	IEC 60601-1-1, IEC 60601-1-2, IEC 60601-2-18

Features of Shalya Oculus

- Camera Head buttons for complete surgeon control
- Surgeon as well as Surgery Specific Custom Menu
- 1/3" CMOS Head with 1920x1080 pixel
- Ultra Compact size
- Touch Screen LCD interface
- Customizable Reference Area
- Sensitivity 2000lx at F8
- Auto Light Control
- Upgradable Recording Facility with Shalya Oculus-Pro
 - USB Storage Recording
 - Streaming & Recording Simultaneously
 - Integrable with Central Recording System
 - Additional DVI Port can be provided

Recommended Set along with Oculus



Medical Monitor



LED Light Source



CO₂ Insufflator



Advance ESU

Function of Shalya Oculus

- Image mirror, Flip & Rotate
- Electrical Zoom (max. 2.5)
- Red Detail Adjustment
- Natural Colour Settings
- Freeze
- Colour Gain Adjustment
- Adjustable Dynamic Range
- Electronic Shutter

Applications of Shalya Oculus

Arthroscopy, Hytroscope, Laparoscopy, Urology, Gynecology, Neuroendoscopy, TURP & ENT Surgeries.

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