

## 4K-ENDOSCOPIC SYSTEM



### Technical Secification

#### CAMERA

- |                         |  |                            |  |
|-------------------------|--|----------------------------|--|
| • Sensor                | - 1/1.2" Digital CMOS sensor   | • Power Segment            | - ESD Protection O/C Protection        |
| • Resolution            | - 3840*2160P @ 60 FPS  | • Sensitivity              | - 0.2 lux                              |
| • Resolution            | - >2100 Lines  | • Gamma curve              | - Yes (default)                        |
| • Surgical modes        | - ENT/LAP/ARTH/URO/NEURO   | • Electronic Shutter       | - 1/25~1/100000                        |
| • Synchronization       | - DSP with HDR   | • Back light control       | - Yes (auto)                           |
| • White balance         | - Yes ( by pressing key)   | • Sterilization Head       | - ETO,Cides Tray,Formalin chamber      |
| • Signal to Noise Ratio | - 52db   | • Color accuracy           | - 99% true color spectrum              |
| • Ir protection         | - Yes (by IR cut filter)   | • Color control            | - (0-10) color setting                 |
| • Output                | - 4*HDMI+VIDEO+SDI   | • Indicator                | - power + camera connect               |
| • Lens mount            | - C/Cs mount   | • Camera connector         | - self locking metal case              |
| • Front panel           | - 4.3 (On Screen Display)<br>Brightness/Zoom/Video<br>Photo/WB control | • Camera head              | - IPX4 rating                          |
| • Recording             | - USB 3.0 for recording  | • Camera head keys         | - W/B+FREEZE<br>REC+PHOTO              |
| • Format                | - MP4 + JPG  | • HDMI Output Resolution : | 2160p@60/50 Fps                        |
| • Image Enhance         | - 3 step curve for detail view   | • SDI Output Resolution    | -2160p@60Fps, 1080p @60Fps.            |
| • Processor Technology  | - FPGA processing ultra high speed                                     | • Output Format            | - HDMI, EX-SDI, DVI                    |
|                         |  | • Processor Chip           | - 4K ultra HDR Sensor with low latency |

## 4K-ENDOSCOPIC SYSTEM

### Product Introduction

**MEDITRAX EQUIPMENTS** proud to introduce FIRST TIME MADE IN INDIA the state of art rigid and advance ENDOSCOPIC UNIT for Diagnostic + Surgical unit (4K CAMERA+CONTROL UNIT), it's easy to operate and use, FHD camera give you very good crisp and clear picture quality

Cmos-sensor which provides the true colour definition with the wide spectrum and colour gain curve. The CMOS technology is digital sensor technology integrated with the DSP (digital signal processor) to give the perfect picture quality. Colour Definition with 10-bit colour curve processing 60 frames per second

(Digital chipset) as this chip gives you very good depth of field of the picture and it comes with adjustable White Balance by pressing key, and can also adjust the Colour Gain function to adjust the colour gain according to your choice its very helpful function for getting the best results in diagnostics,

Camera head designed nicely for handy use and easy to operation with small size and premium quality material.

#### ON HEAD KEYS :

- **WHITE BALANCE** W/B control key to set the true colour format with the single touch of the button + indication led for the W/b report.
- **FREEZE KEY-** Freeze control key to freeze the image on the screen to show patient for any abnormalities for the reports with on head keys
- **BRIGHTNESS+** controls to increase the brightness of the image for better visual on display.
- **BRIGHTNESS-** controls to decrease the brightness of the image for better visual on display.

## 4K- TOUCH SCREEN USER INTERFACE

