ESKD Line
Digital Electronic Colposcopes

OPERATING THEATRE

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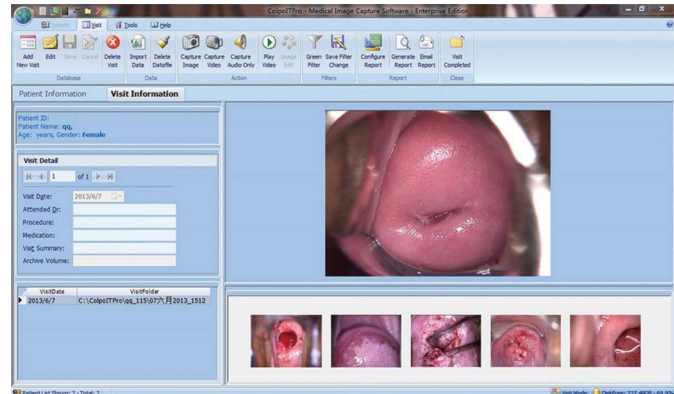# ESKD Line

Digital Electronic Colposcope

- Camera is with built-in SD card to capturing, recording and playback.

- The camera adopts 5 bulbs high-stability LED light source, using specific uniform light technology to decrease light reflection, with a longer service life and a better colour reproduction.

- Camera bracket and camera use the integration design, with bracket specific height optional positioning function, more convenient to operate.

- Full HD 1920x1080P image & video output to make clear, real, and accurate clinical examination.

- Camera could match and connect with 2.4G wireless remote control.

- Trolley with update function.

- The colposcope software is compatible with Hospital PACS System.

User-friendly Software

- Easy to use.
- Storage and retrieval of patient information.
- Can capture images, video and play, can capture image from videos.
- Video Image Enhancement, support image cropping, video text covering.
- Comparative analysis of multiple images.
- Image annotation, RCI score, acetic acid reaction time on the report.
- Report output format diversification, Report can be previewed and designed.
- A Rich system template library can be edited and modified.
- Support image processing and image measurement.
- Case management function, can check and export patient information.
- Colposcope software is compatible with PACS system

- **ESKD-3001 & ESKD-3002**
  Static host integration (ESKD-3002 with double screen)

- **ESKD-3004**
  Portable host integration

- **Adjustable camera bracket**
  - 180° rotable
  - +45°/-45° inclinable

- **Camera input/output**
  1 - CVBS Video Output
  2 - S-Video Output
  3 - USB Video Output
  4 - USB to RS232 Output
  5 - Fuse 2A
  6 - AC Input: 110V – 220V
  7 - SDI Video Output
  8 - Footswitch for capturing images

- **Multifunctional remote control**
  9 - Image zoom out
  10 - Focus out
  11 - Focus in
  12 - Image zoom in
  13 - LED light intensity
  14 - Freeze

Technical Features

	ESKD-3001	ESKD-3002	ESKD-3004

ESKD-3001　　　　ESKD-3002　　　　ESKD-3004

Cod.	ESKD-3001	ESKD-3002	ESKD-3004
Camera	1/2.8" SONY COMS	1/4" SONY CCD	1/4" SONY CCD
Total Pixels	3,270,000 Pixels	800,000 Pixels	440,000 Pixels
Image Size	1920x1080	720x576	720x576
Scanning System	Progressive Scanning	Progressive Scanning	Interlaced Scanning
Frame Rate	(1920x 1080)30p, (1920x1080) 25p	(720x576) 50p	(720x576) 50i
Light Source	Imported High Brightness White LED Cold Light Source	Imported High Brightness White LED Cold Light Source	Imported High Brightness White LED Cold Light Source
SNR	≥50dB	≥50dB	≥50dB
Video Output	y/Cb/Cr 4:2:2 Output Through SDI Video Signal	"CVBS:1.0Vp-p(75), Y/C)"	"CVBS:1.0Vp-p(75), Y/C)"
Horizon Resolution	≥ 1080 Lines	≥ 600 Lines	≥ 600 Lines

Lens			
Focus (zoom ratio)	4.7~ 94mm (wide end) ~ (far end)	3.4 ~ 94mm (wide end) ~ (far end)	4.7~ 94mm (wide end) ~ (far end)
Focusing Way	Fast Automatic Focusing Or Manual Focusing, Or By Software Interface	Fast Automatic Focusing Or Manual Focusing, Or By Software Interface	Fast Automatic Focusing Or Manual Focusing, Or By Software Interface
Object Distance	30cm - 50cm	30cm - 50cm	30cm - 50cm

Operation			
Dimming	Speed Loop Stepless Dimming	Speed Loop Stepless Dimming	Speed Loop Stepless Dimming
White Balance	Automatic White Balance And Manual White Balance (Electronic Filtering)	Automatic White Balance And Manual White Balance (Electronic Filtering)	Automatic White Balance And Manual White Balance (Electronic Filtering)
Magnification	20X Optical, 12X Digital	36X Optical, 12X Digital	22X Optical, 10X Digital
Image Freeze	Foot Button, Software, Wired Remote Control		
Communicate	VISCA RS-232C Baud Rate: 9.6Kbps, 19.2Kbps, 38.4Kbps		
Wired Remote Control	Zoom, Focus Far, Nearly Coke, Dimming, White Balance, Electronic Filter, Freeze, Capture, 3.5-inch Screen*		

Working Environment			
Working humidity	-10°C ~ +50°C / 20% ~ 90% RH		
Storage humidity	-20°C ~ +60°C / 20% ~ 95% RH		
Notes	*3.5" Screen is an alternative component		

EXCLUSIVE DISTRIBUTOR EXCLUSIVE

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