

4K UHD Camera System



- 4K UHD provides a clear, razor-sharp image in a very realistic color scheme.
- Enriched color reproducibility improves visualization and support for precise and safe surgery.
- Wider color space and high resolution improve display of significant mucosa structures and vessels.
- Magnified Visualization: The electronic zoom and a large screen improves visibility and operability.
- Ten image size adjustments (SCENE) for various rigid endoscopes and videoscopes.
- 10" Touch panel enables adjustments precisely during operation.

4K UHD Camera HK-162A P4325EB

☐ Functions:

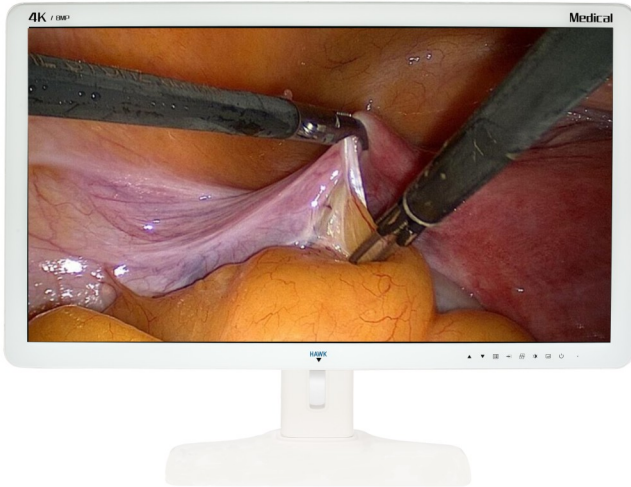
- Camera head - three button controls:
 - White balance
 - Photo
 - Recording
- USB 3.0, max. 128 GB
- Touch Screen Operation
 - Photo / Video
 - Image freeze
 - Brightness adjustment + / -
 - Electronic zoom, two times
 - Image size adjustment (SCENE)

☐ Technical Data:

- Horizontal clarity: Center resolution ≥ 1800 lines
- Resolution: 3840 x 2160 (8.3 million pixel)
- Min. sensitivity: 0.1 lx, F 1.2
- Scanning mode: Progressive scanning
- Video outputs: HDMI (4K), DVI-D and SDI (1080p)
- Power supply: AC 100 V - 240 V 50/60 Hz
- Camera head cable: 3 m
- ☐ Size: 400 mm x 122 mm x 300 mm (W x H x D)

MEDICAL ENDOSCOPES

4K UHD Monitor



4K UHD Monitor 32" LCD

P3232

- ☐ Feature:
 - Display surface: Anti-glare protective glass
- ☐ Technical Data:
 - 32" 4K UHD, LCD monitor
 - Format: 16 : 9
 - Resolution: 3840:2160@60Hz
 - Brightness: 700 cd/m²
 - Contrast ratio: 1350 : 1
 - Video input: DP, HDMI 2.0, HDMI 1.4, VGA, SDI
 - Power supply: DC 24 V, 5 A
- ☐ Size: 767 mm x 550 mm x 165 mm (W x H x D)

High Color Rendering LED Light Source



Light Source LED - 200

P2315EB

- ☐ Features:
 - High color rendering
 - Wide range of color temperature
- ☐ Functions:
 - Manual light intensity control
- ☐ Technical Data:
 - Lamp type: LED 100 W
 - Color temperature: 3000 k - 7000 k
 - Color rendering index (CRI) ≥ 90%
 - Life time of lamp: 20.000 h
 - Power supply: AC 100 V - 240 V 50/60 Hz
- ☐ Size: 400 mm x 122 mm x 300 mm (W x H x D)

HANGZHOU HAWK OPTICAL ELECTRONIC INSTRUMENTS CO., LTD.

No. 9 Xinda Road, Hangzhou, Zhejiang Province 311201 P.R. China

Tel +86 - 571 - 2281 1660

Fax +86 - 571 - 2281 1228

hawk@chinahawk.cn

hawkendoscopes.com