

Surgical demonstration cart

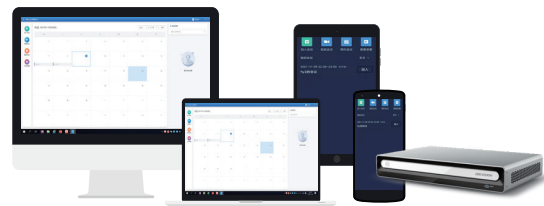
Suitable for operating rooms, training bases, training classrooms, skill examination rooms, competition venues and other teaching and testing scenes in hospitals, medical colleges, colleges and universities and various teaching institutions.

- Full link 4K: Acquisition - transmission - storage - display full link 4K
- Display: 1.8m hovering arm, omnidirectional adjustment, support multi-picture integration;
- Capacity: 7U cabinet, can house the host, wireless microphone, and UPS
- Dual display: Two 4K monitors equipped, support to display different content at the same time;
- Interfaces: Support multiple video inputs, various video interfaces;
- Connection: 5G and WIFI supported, dual wired network;
- Extended functions: Support RTMP live broadcast, support remote audio and video interaction;
- Certification: IEC60601-1 Medical electrical equipment certification



Interactive platform

Suitable for the video-related telemedicine scenarios combined with other HIKIMAGING medical products



- Support various types of terminals including iOS/Android/Windows/WEB/embedded software, SDK provided for fast integration;
- 4K60Hz medical device screen access supported, 4K + H.265 coding, 4K transmission across the Internet;
- Support private cloud/public cloud/hybrid cloud deployment;
- SFU architecture, reduce central platform pressure, 100 concurrent users supported by single service;
- SVC flexible coding and various anti-weak network algorithms supported, intelligent adaptation to various network environments.

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Hikimaging Official Website

Operation Room Management System

- Full link endoscope operation management solution: documentation, shooting, broadcasting and interactive demonstration
- One cart to get surgical field & operation room recording and broadcasting
- Widely used for operation demonstration, teaching and academic research



Surgical Field Camera



For high-quality surgical field video shooting in operating rooms, dissecting rooms, etc., also for teaching and academic research purposes

- Accurate and realistic images
- Fast and stable videostream
- Easy to use and maintain
- Safe and reliable

4K Surgical Field Camera

- Signal: 4K30Hz max
- Output: RJ45, HDBaseT Tech, one network cable for video, control, and power transmission;
- Lens: 20x optical zoom, 12x digital zoom
- Control: buttons, remote control, RS485
- Mode: Normal mode, shadowless lamp mode;
- Algorithm: Strong light suppression, automatic stripe removal, color temperature matching, auto brightness balance, 3D noise reduction;
- Power supply: DC12V

Surgical Field Camera

- Signal: 1080P60Hz max
- Output: 3G-SDI;
- Lens: 10x optical zoom;
- Control: buttons, remote control, RS485
- Mode: Normal mode, shadowless lamp mode;
- Algorithm: Strong light suppression, automatic stripe removal, color temperature matching, auto brightness balance, 3D noise reduction;
- Power supply: DC12V

Panoramic camera



For high-definition indoor video shooting in operating rooms, also suitable for various indoor places such as classroom, conference room, etc.

- Clear image
- Medical standards
- Panoramic shooting
- Gesture recognition
- Rich interfaces

4K Panoramic Camera

- Signal: 4K60Hz max
- Output: HDMI2.0, 3G-SDI, LAN;
- Lens: 20x optical zoom, 16x digital zoom
- Encoding: H.264, H.265, smart encoding, triple streams supported
- Image: 120dB wide dynamic range, 3D noise reduction, glare suppression, electronic image stabilization;
- Control: remote control, RS485/network
- Body: white, designed according to medical electrical standards, stable and reliable;
- Pan tilt: Horizontal 0° ~ 350°, Vertical-30° ~ 90°, 300 preset points;
- Power supply: DC12V, support POE;
- Others: support audio, TF card

1080P 23x Panoramic Camera

- Signal: 1080P60Hz max
- Output: HDMI2.0, 3G-SDI, LAN;
- Lens: 23x optical zoom, 16x digital zoom
- Encoding: H.264, H.265, smart encoding, triple streams supported
- Image: 120dB wide dynamic range, 3D noise reduction, glare suppression, electronic image stabilization;
- Control: remote control, RS485/network
- Body: white, designed according to medical electrical standards, stable and reliable;
- Pan tilt: Horizontal 0° ~ 350°, Vertical-30° ~ 90°, 300 preset points;
- Power supply: DC12V, support POE;
- Others: support audio, TF card

Documentation

Widely used in teaching and research scenarios, such as operating rooms, training bases, clinical skill training centers, and training rooms in hospitals and medical colleges

- Full link 4K: 4K60Hz max supported, ultra clear video input and output.
- Powerful performance: Supports up to 6 signal inputs and outputs, built-in audio record and process, audio mixing, noise reduction, and echo cancellation supported.
- Features: Supports picture in picture, cloud live streaming, and wireless screen projection on mobile and computers.
- Exclusive for operation: Patient ID management, surgical image comparison, recording strategy suitable for endoscope, foot pedal control supported.
- Remote interaction: audio and video interaction cross network, multiple video quality protection technology
- Safe and reliable: Medical electrical equipment safety & Electromagnetic Compatibility Standard Certification



5G AI 5-channel Recorder

- Interface: 3G-SDI, HDMI, DVI-I, VGA, USB, 3 USB, 1 RS485;
- Input: 5 local signal channels, 6 IP signals access, 4K60Hz max supported;
- Output: 4-channel independent video output;
- Audio: 6 in & 6 out, built-in audio function, support multi-channel mixing, echo cancellation, intelligent noise reduction, automatic tuning and etc.; Support 3.5mm, XLR, RCA, USB, HDMI and other interfaces;
- Storage: built-in 2T hard disk, U disk synchronously recording supported;
- Intelligence: Support patient privacy protection, gauze testing, medical staff dress code testing;
- Network: WIFI, 5G, dual network card.



4-channel Recorder

- Interface: 3G-SDI, HDMI, DVI-I, VGA, S-VIDEO, CVBS, foot pedal connection, 5 USB, RS485;
- Input: 4 local signals, 4 IP signals access, 4K30Hz max supported for HDMI;
- Output: Support HDMI and VGA dual output, support hard loop output;
- Control: Built-in 5-inch 720P color screen, built-in buttons, support remote control, RS485 or network control;
- Audio: 3 in & 2 out, built-in audio function can perform a variety of mixing operations;
- Storage: built-in 1T hard disk, U disk synchronously recording supported;
- Network: LAN, external USB WIFI card supported



3-channel Recorder

- Interface: 3G-SDI, HDMI, DVI-I, VGA, USB, 3 USB, 1 RS485;
- Input: 4 local signal channels, 6 IP signals access, 4K30Hz max supported for HDMI;
- Output: HDMI and VGA dual output;
- Control: One-click video recording, built-in local UI, support remote control, RJ485 or network control;
- Audio: 4 in & 2 out, built-in audio function, support multi-channel mixing, echo cancellation, intelligent noise reduction, automatic tuning and other functions;
- Storage: built-in 1T hard disk, U disk synchronously recording supported;
- Network: WIFI, LAN