

4K UHD MEDICAL VIDEO RECORDER

Evolution4K™

The Med X Change, Inc. Evolution4K offers the latest in 4K UHD video recording in a compact device all while delivering brilliant 4K UHD video quality designed for both Apple and Windows editing.

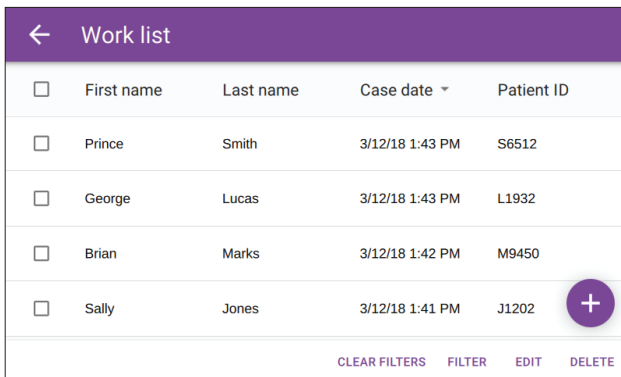


4K UHD OR HD VIDEO/STILL IMAGE RECORDING

- Two Models: 1x **HDMI 2.0** or 4x **3G-SDI**
- 4K UHD 60Hz input: 1x **HDMI 2.0** or 4x **3G-SDI**
- 4K UHD 60Hz output: 1x **HDMI 2.0** or 4x **3G-SDI**
- 4096x2160p or 3840x2160p 50/60Hz
- Recorded/Captured files: H.264 .mp4, JPEG, PNG

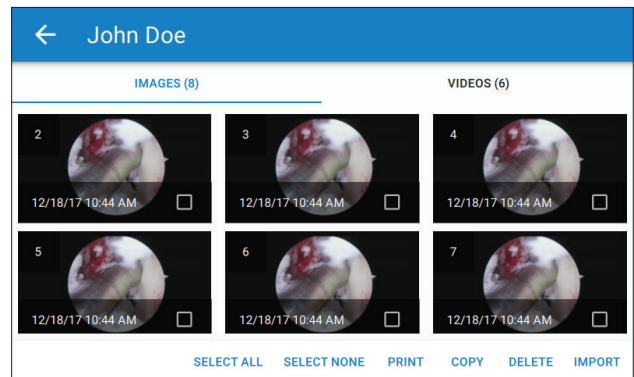
INTEGRATED 12CM TOUCH LCD SCREEN

Control software from integrated multi touch screen



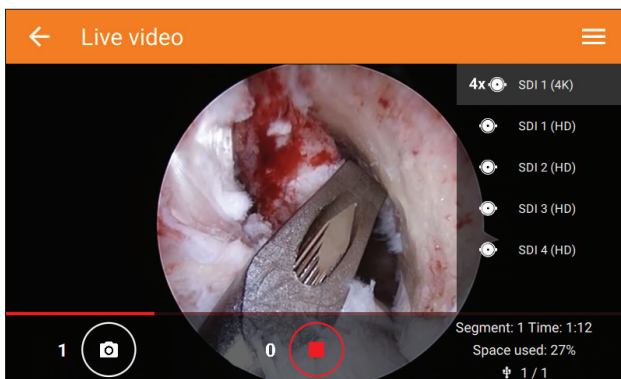
PATIENT DATA ENTRY

- Add Patient info before case
- Sort by fields (Name, Study Date, Patient ID)



PRINTING/PLAYBACK/COPY USB 3.0

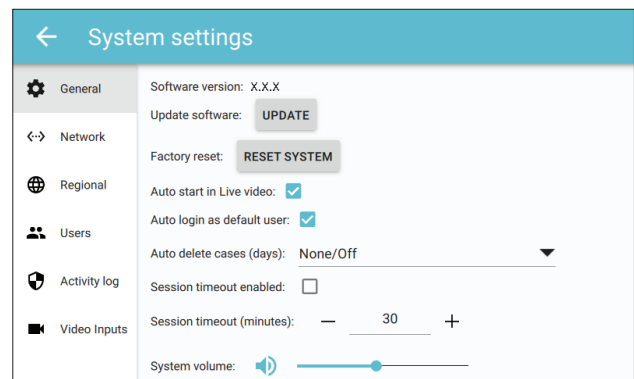
- Auto Print to Sony Medical Grade UP-DR80MD
- Playback Video/Stills & Copy to external USB Media



EVO4K200 Model

ONE TOUCH RECORDING

- Record 4K UHD Video and capture still images simultaneously with Integrated 12cm Touch Screen, endoscopy camera head buttons, microscope triggers, foot pedal, etc.
- Record to internal hard drive and 2x USB 3.0 Locations at same time



EVO4K200 Model

STORAGE, SETTINGS, OTHER

- 1TB Internal Storage (Approx. 20 Hours 4K UHD video)
- Networking, Media and Printing Settings
- Simple USB Software Update
- HIPAA Compliance, Encryption, Auditing, User/Admin Roles
- Embedded Linux OS
- Cyber Security Compliance

Medical Compliance: 60601-1: 2005/A1: 2012, 60601-1.2: 2014
ISO 13485 Certified

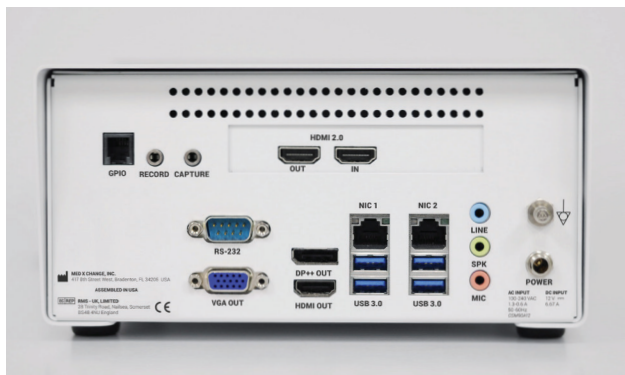


Local Phone: 1 (941) 794-9977
www.medxchange.com

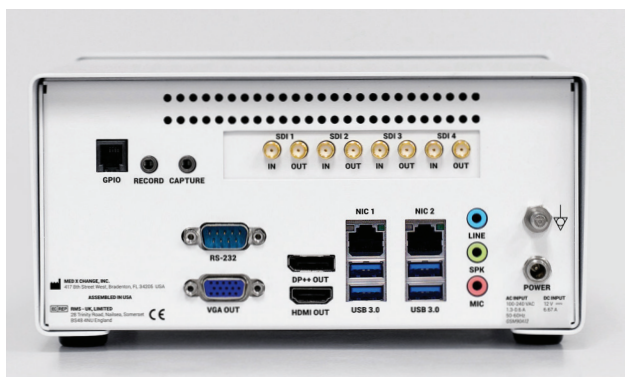
24hr Tech Support: 1 (888) 982-4469
support@medxchange.com

4K UHD MEDICAL VIDEO RECORDER

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EVO4K100 (1x HDMI 2.0)



EVO4K200 (4x 3G-SDI)



EXTERNAL TOUCH MONITOR SUPPORT

- Multiple HID Touch Screens are supported via USB
- Duplicate the internal 12cm Touch Screens to an external Touch monitor via the Secondary Display Ports (DP, HDMI or VGA)
- Two of the 3 ports can be used simultaneously for multiple external displays.

SUPPORTED CAMERA/VIDEO RESOLUTIONS

- 4K & 4K UHD: 4096x2160p & 3840x2160p: 50/60Hz
- Typical HD: 1080p, 1080i, 720p
- 4K/UHD Hz: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98
- 1080p Hz: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98
- 1080i Hz: 60, 59.94, 50
- 720p Hz: 60, 59.94, 50
- 3D HD Side by Side: 1080p, 1080i, 720p
- 3D HD Top/Bottom: 1080p, 720p
- Others: 1920x1200p, 1600x1200p, 1440x1050p, 1280x1024p, 1280x960p, 1360x768p, 1280x768p, 1024x768p, 800x600p, 640x480p

3D HD RECORDING

- Accepts and records 3D HD via HDMI input at Side by Side or Top/Bottom formatting*

* The video coming in via HDMI must already be multiplexed to 3D formatting via a 3D Multiplexer device.

CYBER SECURITY COMPLIANCE

- Audit logging/controls
- Individual user accounts
- Admin role
- User account management
- ePHI is encrypted at rest and in transit using AES-256
- Session timeout
- Etc.

ACCESSORY PACK CONTENTS

- 1x User Manual download card
- 1x 6' Medical Grade power cable
- 1x Wireless Keyboard
- 1x AC/DC Medical Grade power supply
- 1x 6' HDMI cable (EVO4K100 Only)
- 4x 6' 3G-SDI cables (EVO4K200 Only)
- 2x 3.5mm Stereo cables

SPECIFICATIONS

- 1x HDMI 2.0 In/Out
- 4x 3G-SDI In/Out
- 1TB Internal Harddrive
- 6x USB 3.0 ports
- 2x 3.5mm camera trigger ports
- GPIO & RS-232 ports
- Mic audio input port
- Still images: PNG, JPG
- Video files: H.264 .mp4
- 2x Gigabit network ports (Active with future update)
- Dimensions: 10.69cm H x 20.92cm W x 24.64cm D

Medical Compliance: 60601-1: 2005/A1: 2012, 60601-1.2: 2014
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