

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

Integruotas 12 cm įstrižainės prisilietimui jautrus ekranas

1.13.11. INTEGRATED 12CM TOUCH LCD SCREEN

Control software from integrated multi touch screen

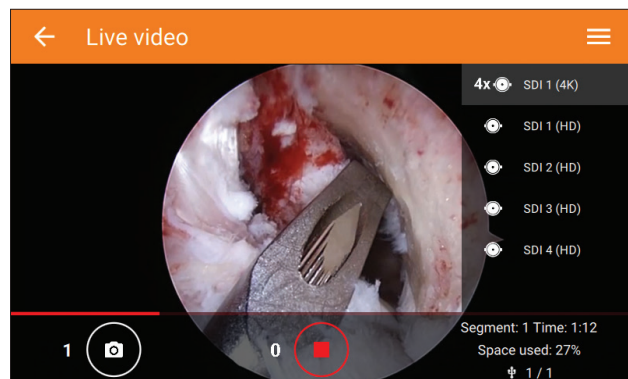
Programinės įrangos valdymas per integruotą prisilietimui jautrų ekraną

1.13.13.

Work list				
<input type="checkbox"/>	First name Vardas	Last name Pavardė	Case date Įrašo data	Patient ID Paciento ID
<input type="checkbox"/>	Prince	Smith	3/12/18 1:43 PM	S6512
<input type="checkbox"/>	George	Lucas	3/12/18 1:43 PM	L1932
<input type="checkbox"/>	Brian	Marks	3/12/18 1:42 PM	M9450
<input type="checkbox"/>	Sally	Jones	3/12/18 1:41 PM	J1202
CLEAR FILTERS FILTER EDIT DELETE				

1.13.13. PATIENT DATA ENTRY Paciento duomenų įvedimas

- Add Patient info before case
- Sort by fields (Name, Study Date, Patient ID)
(Vardas, Pavardė, Įrašo data, Paciento ID)



EV04K200 Model

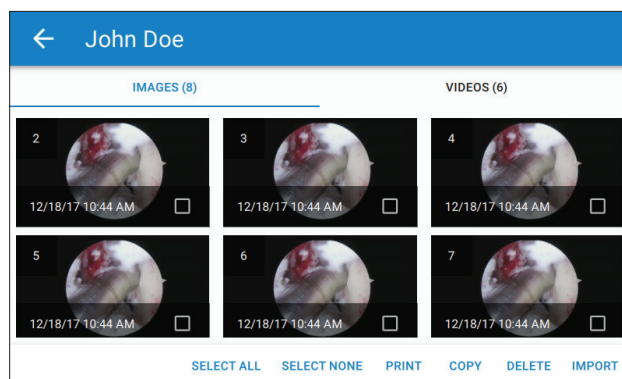
ONE TOUCH RECORDING

1.13.3.

- Record 4K UHD Video and capture still images simultaneously with Integrated 12cm Touch Screen, endoscopy camera head buttons, microscope triggers, foot pedal, etc.

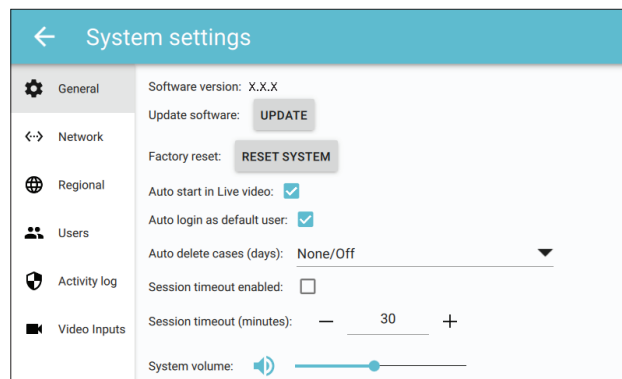
Record to internal hard drive and 2x USB 3.0 Locations at same time

Įrašymas į vidinį diską ir 2 x USB 3.0 laikmenas vienu metu



PRINTING/PLAYBACK/COPY USB 3.0

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



EV04K200 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



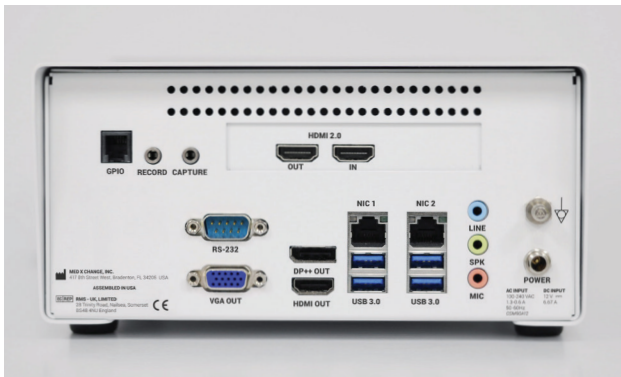
Local Phone: 1 (941) 794-9977
www.medxchange.com

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

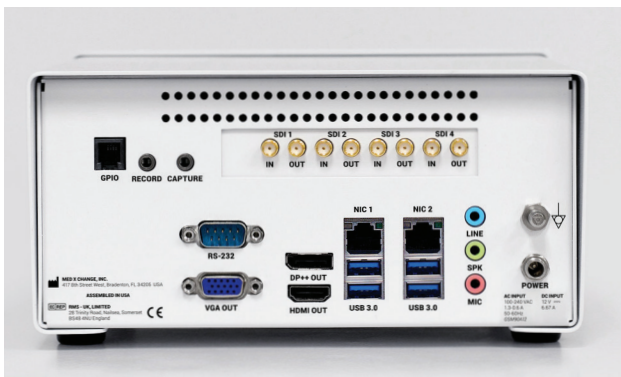
U5020-05, 2.0

4K UHD MEDICAL VIDEO RECORDER

Evolution4K™



EVO4K100 (1x HDMI 2.0)



EVO4K200 (4x 3G-SDI)



Dublikuojamas vidinis 12cm prisilietimui jautrus monitorius su išoriniu prisilietimui jautriu monitoriumi per antrojo displejaus jungtį (DP, HDMI, ar VGA)

EXTERNAL TOUCH MONITOR SUPPORT

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

SUPPORTED CAMERA/VIDEO RESOLUTIONS

- 1.13. • 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
- 1.13.11. • 1x Wireless Keyboard 1 x Belaidė Klaviatūra
- 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
- 1.13.5. - 6. • 4x 3G-SDI In/Out 4 x 3G-SDI jungtys [vedimui / Išvedimui]
- 1.13.10. • 1TB Internal Harddrive 1 TB vidinis kietasis diskas
- 1.13.4. • 6x USB 3.0 ports 6 x USB 3.0 jungtys
- 1.13.7. • 2x 3.5mm camera trigger ports 2 x 3.5 mm kameros trigerio jungtys
- GPIO & RS-232 ports
- 1.13.9. • Mic audio input port Jungtis išorinio mikrofono pajungimui
- 1.13.2. • Still images: PNG, JPG Nuotraukos: PNG, JPG
- 1.13.1. • Video files: H.264 .mp4 Vaizdo failai: H.264 .mp4
- 1.13.8. • 2x Gigabit network ports 2 x Gigabitinės tinklo jungtys
- 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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