

4K MEDICAL VIDEO RECORDER

4KLARITY™

The Med X Change 4Klarity Recorder is a state-of-the-art Medical Grade Image Management System designed for the Operating Room Staff to improve workflow based on real customer request and feedback. The features, ease of use and 4K Recording Technology is optimized for the hospital staff. Simple, feature rich and effective.

4K & 1080P VIDEO RECORDING

- H.264 Encoding & Decoding of 4K UHD video
- 1x 4K camera & 1x 1080p camera simultaneous recording
- Accepts BT.2020 and BT.709 4K Medical Video

INPUT/OUTPUTS

- 4x 3G HD-SDI input for true 4Kp60/50
- HDMI 2.0 4K loop-through
- 1x 3G HD-SDI input for 1080p 60/50fps
- 1x 3G HD-SDI output 1080p 60/50fps loop-through

DISPLAY PORT++ OUTPUT

- For Software User Interface

DICOM/PACS/MWL

- DICOM SCU storage; image and H.264 video
- Modality WorkList integration

STORAGE

- Large storage capacity - 4TB hard drive, approximately 180 hours of 4K video
- Record videos and still images to USB/Network Storage Device

ADDITIONAL

- Integrated wireless router
- Foot pedal capable
- External trigger ports (2x 3.5mm, 2x 2.5mm)
- HIPAA compliance; User/Admin roles, permissions, encryption, auditing

SOFTWARE SUPPORTED LANGUAGES

- English, Spanish, French, Italian, Portuguese, German, Chinese, Japanese, Korean, Russian, Swedish, Arabic



Power Requirements: 100-240 VAC, 50-60Hz, 1.4A
Medical Compliance: 60601-1: 2005, 60601-1.2: 2014
ISO 13485 Certified



MEDXSTREAM® WIRELESS iOS APP

- Add patient information
- Wi-Fi/Auto transfer of 4K & HD still images
- Create PDF surgical reports with image annotation/mark-ups
- Audio dictation embedded into PDF surgical reports
- Export to video editing apps
- Record 4K Medical Video directly to the MedXStream app via USB 3.0 (lightning connector)

4K COMPATIBLE CAMERAS

- Panasonic® 3MOS 4K Ultra HD Camera (GP-UH532)
- Toshiba® IK-4K Camera
- Ikegami® MKC-750UHD Medical Grade 4K Camera
- Olympus® Visera 4K Camera Control Unit

PRINTING

- Print still images to Sony® Medical Grade Printers and network printers
- Auto print
- Send prints to PDF document for paperless facilities

DIMENSIONS

- 30cm W x 30cm D x 10cm H



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