

# MONITOR CART 27R

## Recorder Technical Data

### HD Medical Video Recorder

Records high-definition video and still images from medical video sources to:

- USB
- Internal storage
- Network storage

Exports video and images to:

- PACS in DICOM format\*\*\*

### Video Input Resolutions

- 4K on input 1 only: 3840 x 2160p 30/25\*\*
- Both inputs ( 1 and 2)
  - (1 + 2): 1920 x1200 p60
  - 1080p 60/50/30/25
  - 1080i 60/50
  - 1280 x1024 p60/50
  - 720p 60/50

### Video Recording Resolutions

- 3840 x 2160\*\*, 1920 x 1200, 1920 x 1080, 1280 x 1024, 1280 x 720

### Video recording bitrates

- MP4 / coding H.264 up to 32 Mbit/s (1920 x 1080 p60) Lower resolutions have lower bitrates
- MPS / coding HEVC (H.265) reduces bitrate by 50%

### Image Saved Formats

- JPG or PNG

### Sound Recording\*

- Bluetooth Mic, Mic by stereo headset ( 4 poles), USB mic / audio embedded in video

### Network Storage

- External server 1000/100/10Mbit/s

### Certifications:

- Class 1 Equipment according to EU MDR 2017 /745 and US FDA, EN 60601-1:2006 + A1:2013 + A12:2014 (Edition 3.1)
- EMC: IEC 60601-1-2-2014 (Edition 4), EN 60601-1-1-2:2015
- Useability: EN 60601-1-1-6:2010 + A1:2015
- Radio Equipment: RED 2014/53/EU, FCC Part 15 WEEE / RoHS3 / ISO 13485: 2016

\*Customer responsible for sound recording device

\*\* Requires 4K upgrade

\*\*\* Requires connectivity upgrade



INTELLIGENT DESIGN ► TANGIBLE OUTCOMES



Image Diagnostics, Inc. 310 Authority Drive Fitchburg, MA 01420 Tel: 978-829-0009  
A veteran-owned company since 1986. Designed and manufactured in the U.S.  
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Warranty information for IDI products is available upon request from Image Diagnostics, Inc.  
L280-1273 Rev A

★★★★★  
Veteran-Owned  
Assembled in  
the USA with  
global materials  
★★★★★



Monitor Cart 27R Feature	Standard	Optional
27" Touchscreen Monitor	✓	
Inputs: Up to 2 (HDMI or DVI with adapter)	✓	
USB 3.0 (1 front port / 2 rear ports)	✓	
Remote Control	✓	
Foot Control	✓	
File Playback 60fps(HD)/30fps(4K)	✓	
128GB Internal Storage	✓	
Recording Resolution: 1920 x 1080p	✓	
Recording Resolution: 4K (3840 x 2160p)		✓
DICOM/PACS connectivity		✓
GE 9800/9900 compatibility		✓
SDI Compatibility		✓
Medical Keyboard with Touchpad		✓
Tablet with recorder controls		✓



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