Medical Digital Video Recorder

IPS720

FSN Medical Technologies

- *All-in-one recording and capture system*
- *HDMI, DisplayPort, SDI input ports*
- *2 terabyte internal hard disk drive*
- *Intuitive, multi-language user interface*
- *Audio and foot pedal connections*

The IPS720 Medical Digital Video Recorder offers HD photo capture (up to 1920x1080p) and medical session video recording (up to 1080p 60Hz). The system will simultaneously record to the 2 terabyte internal hard disk drive and an external USB flash drive. In addition, IPS720 can record 2 sources at once, and play back 1 or 2 sources from the same video file.

User interface control is managed through the screen and buttons on front of the unit, or an external monitor with either touchscreen or mouse and keyboard. IPS720 integrates easily into medical IT workflows by utilizing: DICOM store, modality worklists, MPPS, appointment booking (HL7), and direct access to PACS.

Select the **MONITOR** icon to switch to the connected external monitor. When in this mode, touchscreen can also be used as a touchpad.

CAPTURE RECORD
Video capture and recording can also be initiated by using an attached monitor (touchscreen or mouse), foot pedals, or with VACS software.

POWER on/off button. With the back panel power switch in the ON position, press to start the initialization process.

USB 3.0
2 on front, 2 on rear.

Return to **HOME** screen icon.

FILE icon manages tasks, including: search, modify, copy, delete, DICOM store, and print.

Create a new **TASK** when plus (+) symbol is shown, or close an active task when minus (-) symbol is shown.

SETUP icon opens settings for input sources, file types, DICOM, server, network, local time, foot pedal, printing layout, and system options.

WORKLIST icon retrieves patient information that is stored on the worklist server.

The IPS720 user interface can be displayed on the front of the unit, or on an externally connected monitor.

www.fsnmed.com

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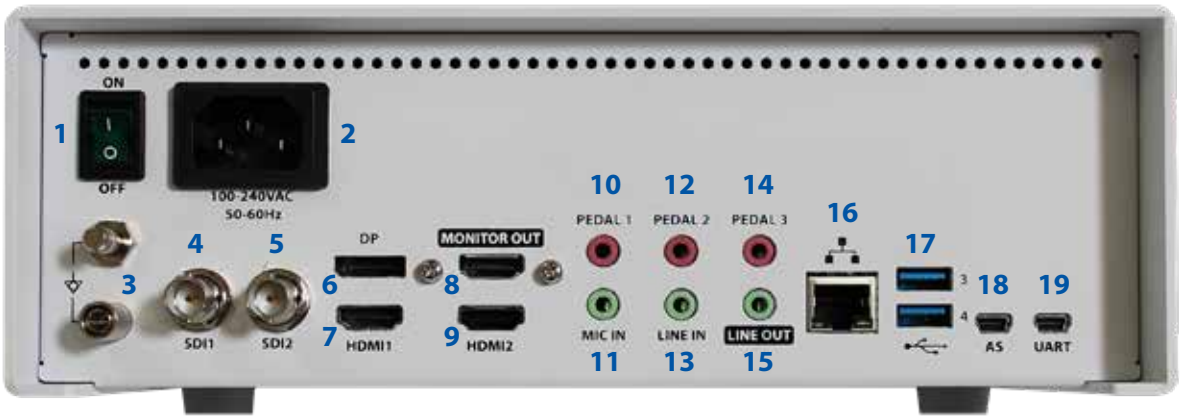

1	AC ON/OFF Switch (ON: Green LED)	**7**	HDMI Input (1920x1080p@60)	**13**	LINE(AUDIO) Input (3.5ø phone)
2	AC Inlet	**8**	HDMI Output (1920x1080p@60)	**14**	PEDAL Input 3 (3.5ø phone)
3	Earth Terminal	**9**	HDMI Input (1920x1080p@60)	**15**	LINE(AUDIO) Output (3.5ø phone)
4	3G-SDI4 Input (BNC-75Ω)	**10**	PEDAL Input 1 (3.5ø phone)	**16**	Network Port (RJ45)
5	3G-SDI4 Input (BNC-75Ω)	**11**	MIC Input (3.5ø phone)	**17**	USB (USB 3.0, 2 on front, 2 on rear)
6	DisplayPort 1.4 input	**12**	PEDAL Input 2 (3.5ø phone)	**18**	Service Port (mini USB)
				19	RS-232 (mini USB)

General Features

Item	Description	
Main Functions	Video recording	Up to 1080p 60Hz
	Still image capture	Up to 1920 x 1080p
	Standalone preview	Front LCD screen
	Menu access	Front LCD screen (5 inch touch enabled) GUI on HDMI monitor output.
	DICOM, HL7	DICOM Store (Image) Modality Worklist MPPS Appointment Booking (HL7)
	DICOM store	Direct Access to PACS
Inputs	HDMI	2.0
	DisplayPort	1.4
	SDI	3G-SDI
	Audio	3.5mm Stereo x 2ea Mic in, Line in
Outputs	Monitor output	HDMI 2.0
	Audio	3.5mm stereo
		Line out
Data I/O	USB 3.0	2 on front, 2 on back
	RS-232C	Mini-USB
	Ethernet	RJ45 x 1 (10/100/1000M)
	Keyboard / Mouse	USB type
	Foot pedal	3.5mm stereo jack x 3
		Pedal 1, Pedal 2, Pedal 3

Item	Description	
Recording and Capture	Recording resolution	1920x1080p60
	Encoding formats	H.264, H.265
	Recording file format	MP4
	Capture image format	BMP, JPEG, BMP+DCM
	Audio encoding format	AAC
	3D video formats	Side-by-Side Top-Bottom Line-by-Line (SbS conversion, TB conversion)
Storage	Internal hard drive	2TB
	External USB storage	USB flash drive USB HDD
	USB file system	FAT32, NTFS
	Network file system	CIFS
	Network transfer	FTP (client)
General	Power requirements	AC 100-240V / 50-60Hz, 1.0A - 0.6A (max)
	Power consumption	60W (max)
	Dimensions	260mm (10.2 in.) wide x 95mm (3.7 in.) high x 330mm (13 in.) deep
	Weight	4.0kg (8.8lbs.)
	Temperature	Operating: 0° to +40° C (+32° to +104° F) Storage: -20° to + 60° C (-4° to +140° F)
	Humidity	Operating: 10 - 85% RH Storage: 10 - 85% RH
Compliance & Certifications	CE-MDR 2017/745 Class 1 Medical Device, UL 60601-1, IEC60601-1, EN 60601-1-2, FCC Part 15B, CCC, ISO9001, ISO13485, RoHS	