



- 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.

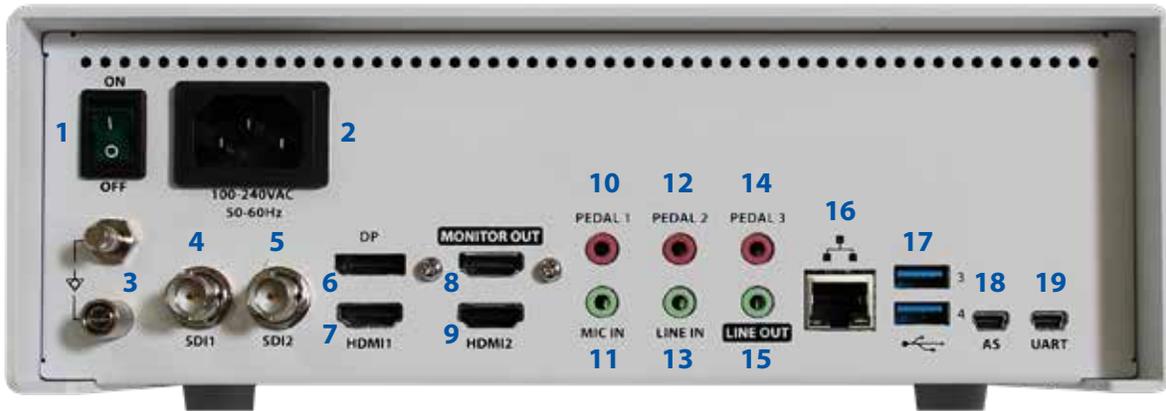
SETUP icon opens settings for input sources, file types, DICOM, server, network, local time, foot pedal, printing layout, and system options.

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

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

Address Number	Patient ID	Patient Name	Modality	Alternate Information
235	PID00100	OLIVER THOMAS	RS	Patient ID PID00100
244	PID01132	AGARNEY NELSON	US	Patient Name OLIVER THOMAS
357	PID04930	FRED RALPH	DD	Patient Birth Date 18/06/00
1299	PID11788	ASNER PAMELA	NA	Patient Weight 140
1800	PID00100	BALDWIN OLIVER	RM	Accession Number 215
1033	PID11788	ASNER PAMELA	XA	Accession ID AD000211
1334	PID08755	LORENZO ALFRED	XA	Modality
2001	100	WYNNE PAMELA	SC	

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



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
DICOM store	Appointment Booking (HL7)
Inputs	DICOM store Direct Access to PACS
	HDMI 2.0
	DisplayPort 1.4
	SDI 3G-SDI
Outputs	Audio 3.5mm Stereo x 2ea Mic in, Line in
	Monitor output HDMI 2.0
Data I/O	Audio 3.5mm stereo
	Line out
	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

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