

Medical 4K Video Recorder

IPS740DS IPS740DG



Record video and capture still images in crystal-clear 4K resolution. IPS740 series recorders come with a rich set of features that will upgrade any medical video application. These recorders also integrate with VACS® software for video archiving and collaboration.

IPS740DS and IPS740DG will simultaneously record files to the internal hard drive and external USB drive. 4 TB of internal storage allows for extended recording times. These models will also record and playback video content in 3D formats.

Use the integrated 5 inch touchscreen on IPS740 series recorders, or switch to an external monitor to control all recording, playback, saving functions, or to preview the active video signal.

Input signal options:

- 3G-SDI (IPS740DS)
- 3G/12G-SDI (IPS740DG)
- DisplayPort 1.2
- HDMI 2.0

File management options:

- DICOM & HL7 Integration
- DICOM Modality Worklist
- DICOM MPPS
- DICOM C-Store
- HL7 Appointment Booking

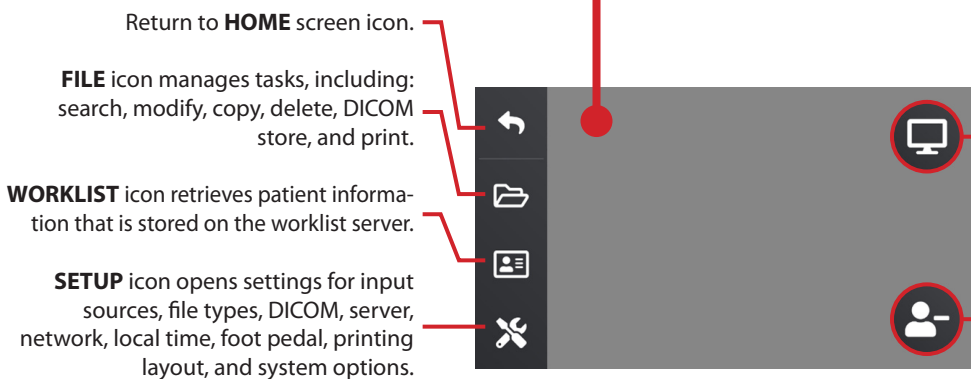
Additional medical A/V integration options

- Patient search & query
- Medical printer compatible
- Gigabit Ethernet
- 4 x USB 3.0 ports
- Audio inputs/output
- 2 x foot pedal inputs



Focus on Compatibility

IPS740DS and IPS740DG connect with medical image generating devices, and with patient information systems, to accurately record and store video or captured still images.

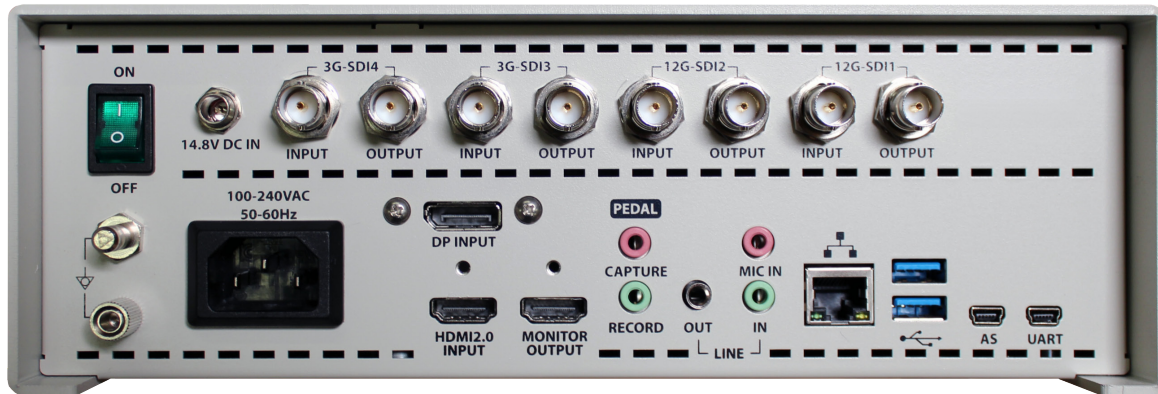


Select the **MONITOR** icon to switch to the connected external monitor. When in this mode, touchscreen can also be used as a touchpad.

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

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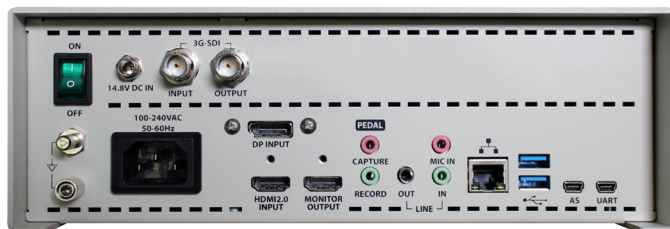
IPS740DG with 3G and 12G-SDI

General Features

Item	Description
Main Functions	Video recording Up to 3840 x 2160P 60Hz 4096 x 2160P 60Hz
	Still image capture Up to 3840 x 2160P 4096 x 2160P
	Standalone preview Front LCD screen
	Menu access Front LCD screen (5 inch touch enabled) GUI on HDMI monitor output.
	DICOM, HL7 DICOM Store (Image & Video) Modality Worklist MPPS Appointment Booking (HL7)
Inputs	DICOM store Direct Access to PACS
	HDMI 2.0
	DisplayPort 1.4
Outputs	SDI IPS740DS: 3G-SDI IPS740DG: 12G-SDI, 2SI, Quad
	Audio 3.5mm Stereo x 2ea Mic in, Line in
	Monitor output HDMI 2.0
Outputs	Loop-through IPS740DS: 3G-SDI IPS740DG: 12G-SDI, 2SI, Quad
	Audio 3.5mm Stereo line out

Item	Description
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
Recording and Capture	Foot pedal 3.5mm stereo jack x 2 Recording, Capture
	Recording resolution 4096x2160p60 3840x2160p60 1920x1080p60
	Encoding formats H.264, H.265
	Recording file format MP4
	Capture image format BMP, JPEG, DICOM
	Audio encoding format AAC
	3D video formats 4K line alternative (SBSH conversion) 4K side-by-side half
Storage	Internal hard drive 4TB
	External USB storage USB flash drive USB HDD
	USB file system FAT32, NTFS
	Network file system CIFS
General	Network transfer FTP (client)
	Power requirements AC 100-240V / 50-60Hz, 1.0A - 0.6A (max)
General	Power consumption 60W (max)
	Dimensions 260mm (10.2 in.) wide x 95mm (3.7 in.) high x 330mm (13 in.) deep
	Weight IPS740DS: 4.0kg (8.8lbs.) IPS740DG: 4.1kg (9.0lbs.)
	Temperature Operating: 0° to +40° C (+32° to +104° F) Storage: -20° to + 60° C (-4° to +140° F)
Compliance & Certifications	Humidity Operating: 10 - 85% RH Storage: 10 - 85% RH
	CE-MDD 93/42/EEC Class 1 Medical Device, UL 60601-1, IEC60601-1, EN 60601-1-2, FCC Part 15B, CCC, ISO9001, ISO13485, RoHS

Specifications are subject to change with or without notice. Doc. # FSN2012 Rev. 2/20



IPS740DS with 3G-SDI

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