

Medical 4K Video Recorder

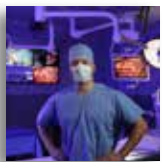
IPS740DS IPS740DG



Record video and capture still images in crystal-clear 4K resolution. The IPS740DS and IPS740DG 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.

Simultaneously record files to the internal hard drive and external USB drive. 4 TB of internal storage allows for extended recording times. Also record and playback video content in 3D formats.

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



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.

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



CAPTURE button. Capture can also be initiated by using an attached monitor (touchscreen or mouse), or with VACS software.

RECORD button. Video recording can also be initiated by using an attached monitor (touchscreen or mouse), or with VACS software.



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.

Return to **HOME** screen icon.

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

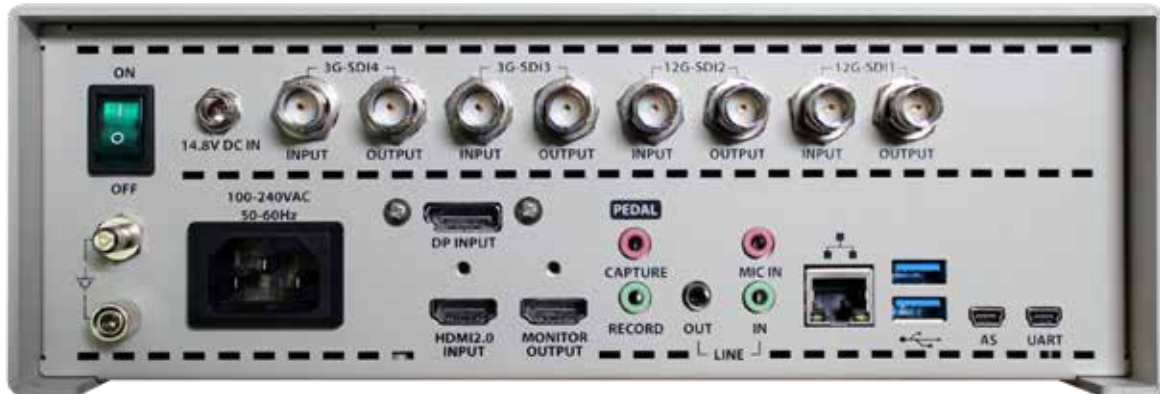
WORKLIST icon retrieves patient information that is stored on the worklist server.

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



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IPS740DS IPS740DG



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) Modality Worklist MPPS Appointment Booking (HL7) |
| DICOM store Direct Access to PACS | |
| HDMI 2.0 | |
| DisplayPort 1.4 | |
| Inputs | SDI IPS740DS: 3G-SDI IPS740DG: 12G-SDI, 2SI, Quad |
| | Audio 3.5mm Stereo x 2ea Mic in, Line in |
| Outputs | Monitor output HDMI 2.0 |
| | Loop-through IPS740DS: 3G-SDI IPS740DG: 12G-SDI, 2SI, Quad |
| | Audio 3.5mm Stereo line out |



IPS740DS with 3G-SDI

| 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 |
| Storage | Audio encoding format AAC |
| | 3D video formats 4K line alternative (SBSH conversion) 4K side-by-side half |
| | Internal hard drive 4TB |
| | External USB storage USB flash drive USB HDD |
| General | USB file system FAT32, NTFS |
| | Network file system CIFS |
| | Network transfer FTP (client) |
| Compliance & Certifications | 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 IPS740DS: 4.0kg (8.8lbs.) IPS740DG: 4.1kg (9.0lbs.) |
| Compliance & Certifications | 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 |

Specifications are subject to change with or without notice. Doc. # FSN2012 Rev. 12/22

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