The next generation of medical image processing and control is here with IPS4000. A powerful, yet compact, digital video integration solution that offers compatibility for today and beyond.

Key Features

- Up to 4096 x 2160 maximum resolution.
- Configurable up to 16 inputs (4 cards), 32 outputs (8 cards).
- Input video formats: DisplayPort, HDMI, 12G-SDI, analog.
- Output video formats: DisplayPort, HDMI, 12G-SDI.
- Output layout options: single, dual (9 types), quad (9 types).
- Save and recall up to 10 user preset configurations.
- 4 channel concurrent network streaming .
- Image control: contrast, brightness, colour, zoom, pan.
- Built-in 7 inch diagonal touch screen.
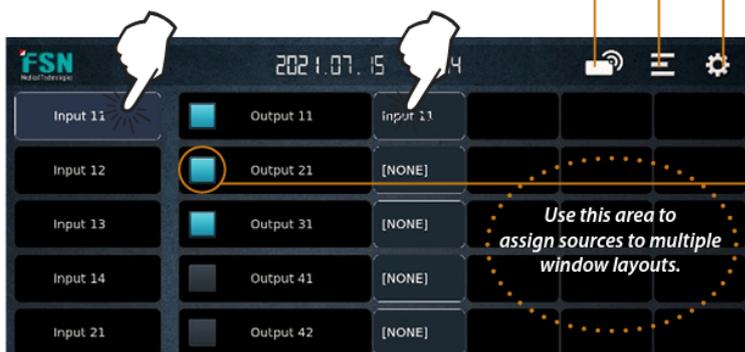- Options for interface control via touch screen or tablet.

Controls

- Change output window layout.
- Route a source to window of a destination.
- Route a window to a source of a destination.
- Change input icons, input colour setting, input name.
- Change output icons, output resolution setting, output name.
- Change zoom/pan setup.
- Save and recall a preset configuration.
- Input and output parameters.
- View settings for system, network, streaming, and firmware.

HDMI 2.0   **DisplayPort** 1.2   **12G SDI**   **Analog**

Input
Up to 4096 x 2160 resolution.
Save and recall custom user presets.
Configurable up to 16 inputs, 32 outputs.

Output
Single, dual, quad window layouts.
Concurrent 4 channel network streaming.
Control contrast, brightness, color, zoom, pan.

1. Touch a video source to select.

2. Touch a destination to route.
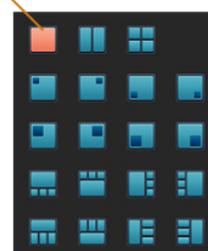
System Control Options
Streaming   Presets   Setup

User Interface
In addition to the built-in 7 inch diagonal touch screen.

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Input 11	Output 11	Input 11
Input 12	Output 21	[NONE]
Input 13	Output 31	[NONE]
Input 14	Output 41	[NONE]
Input 21	Output 42	[NONE]

Use this area to assign sources to multiple window layouts.

Choose from a list of window layouts, including:

- PIP
- PBP
- Quad
- 1 large 3 small.

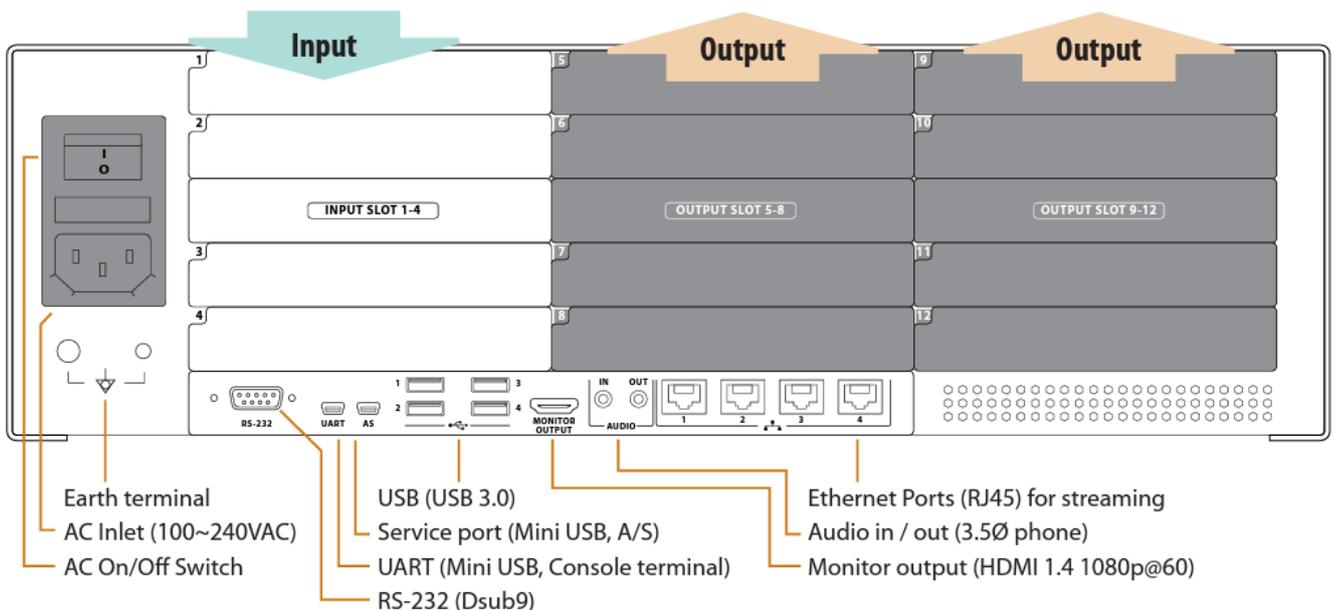*Add custom icons to sources or destinations.*

External touchscreen

Tablet

Custom GUI

IPS4000 is designed for modular configuration. Various combinations of input and output cards can be assembled at the factory. Not all IPS4000 units will look the same. Following are descriptions of IPS4000 input and output cards and their unique functions.

HDMI quad input card. Name: **HDIN**	HDMI 1 HDMI 2 HDMI 3 HDMI 4
DisplayPort quad input card. Name: **DPIN**	DP 1 DP 2 DP 3 DP 4
Dual HDMI, dual DisplayPort input card. Name: **DHIN**	HDMI 1 HDMI 2 DP 1 DP 2
Analog input card. Name: **ANIN**	CVBS 1 CVBS 2 VGA 1 VGA 2
12G SDI input card. Name: **SDIN**	12G-SDI 1 12G-SDI 2 INPUT OUTPUT INPUT OUTPUT

HDMI quad output card. Name: **HQOUT**	HDMI 1 HDMI 2 HDMI 3 HDMI 4
DisplayPort quad output card. Name: **DQOUT**	DP 1 DP 2 DP 3 DP 4
HDMI (scalable)* output card. Name: **HDOUT**	RS-232 HDMI
DisplayPort (scalable)* output card. Name: **DPOUT**	RS-232 DP
12G SDI (scalable)* output card. Name: **SDOUT**	RS-232 12G-SDI 2

* Scaled output. Adjustments available for resolution, window layout, zoom, pan functions. Example: 4 scaled output signals can be displayed on a single monitor.

- Earth terminal
- AC Inlet (100~240VAC)
- AC On/Off Switch
- USB (USB 3.0)
- Service port (Mini USB, A/S)
- UART (Mini USB, Console terminal)
- RS-232 (Dsub9)
- Ethernet Ports (RJ45) for streaming
- Audio in / out (3.5Ø phone)
- Monitor output (HDMI 1.4 1080p@60)

General Features

Item	Description
Inputs	Configurable up to 16 (4 cards)
Outputs	Configurable up to 32 (8 cards)
Serial communication	RS-232C
Network	Ethernet TCP/IP
On Screen Display	English. Built-in 7 inch diagonal touch screen, or external screen via web, tablet or PC.
Power	AC 100~240V / 50~60Hz , 2A-1A
Unit Dimension	437(W) x 140(H) x 423(D) mm 17.21(W) x 5.51(H) x 16.65(D) inch

Item	Description
Package Dimension	520 (W) x 237 (H) x 592 (D) 20.47 (W) x 9.33 (H) x 23.31 (D)
Weight	10.7 kg, 23.59 lbs. (IPS4000) 14 kg, 30.86 lbs. (shipping package)
Compliance & Certifications	ANSI/AAMI ES60601-1, CAN/CSA-C22.2 NO.60601-1:14, IEC/EN60601-1, FCC Part 15 subpart B, CE(EN60601-1-2,EN55011,EN61000-3-2/3), RoHS