

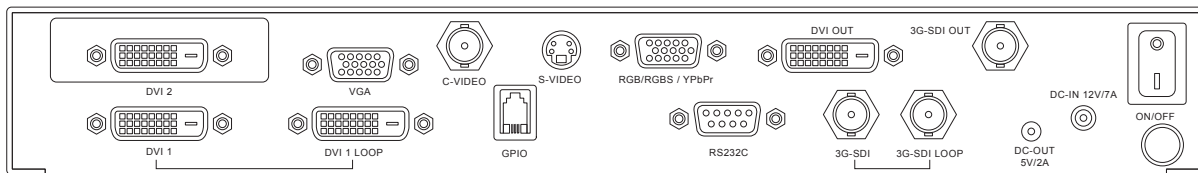
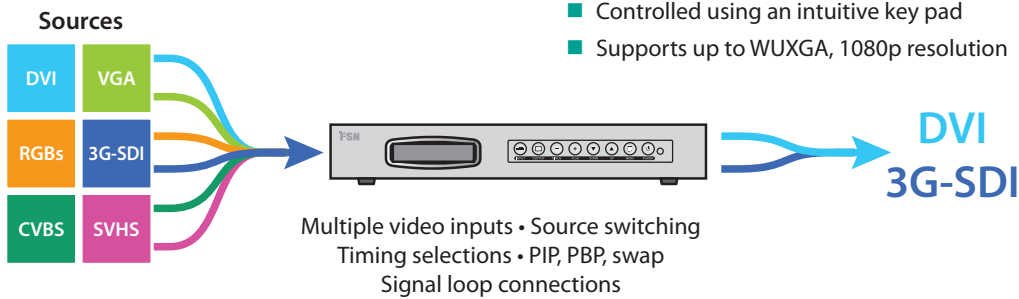
## Universal Converter

### Video Distribution and Control

IPS500A is an advanced video processor and converter. It is designed to handle source selection, advanced windowing features, picture-in-picture, and signal switching. IPS500A maintains video picture quality and standardizes the appearance of images across different display devices by calculating the inherent contrast resolution of different input signals. It also provides an RS-232C command interface for user access from a PC.



- Input: 1 x DVI-D, 1 x DVI-D (Fiber DVI detachable), 2 x D-SUB(VGA, Component, RGBs), 1 x BNC (3G-SDI), 1 x BNC (CVBS), 1 x DIN (SVHS)
- Output: 1 x DVI-D, 1 x BNC (3G-SDI)
- Controlled using an intuitive key pad
- Supports up to WUXGA, 1080p resolution



### General Features

Item	Description
Input Signal	1 x DVI-D
	1 x DVI-D (Fiber DVI detachable)
	2 x D-SUB (VGA, Component, RGBs)
	1 x BNC (3G-SDI)
	1 x BNC (CVBS)
	1 x DIN (SVHS)
Output Signal	1 x DVI-D, 1 x BNC (3G-SDI)
Control Key	8 button (input, output, minus, plus, down, up, menu, power)
LCD Display Language	English
Power Supply In	AC/DC Adaptor (AC 100~240V, DC 12V 7A)
Power Out	DC 5V / 1A
External Control	RS-232C
Unit Dimension	305(W) x 51.3(H) x 250(D) mm 12(W) x 2.02(H) x 9.84(D) inch
GPIO port	3 Function: - Primary / Secondary Screen Swap
	- PIP / PBP1 / PBP2 Select,
	- Record indicator

### I/O Characteristics

Signal	Type	SignalName	Supported Resolution	Application
Signal Input	VIDEO (BNC, DIN)	CVBS x 1	NTSC / PAL/SECAM	
		SVHS(Y/C) x 1		
		VGA	Up to 1920 x 1200 / 60Hz	
	VGA, RGB (DSUB15)	Analog RGBHV	-	
		Analog RGBs	-	
		Component (Y,Pb,Pr)	Up to 1920 x 1080 / 60Hz	
DIGITAL (DVI-D)	Digital DVI-D x 1	Up to 1920 x 1200 / 60Hz		
		Digital DVI-D(Fiber DVI detachable) x 1	-	
	3G-SDI (BNC)	3G SDI x 1	1080p	SMPTE-424M
			720p / 1080i	SMPTE-292M
Signal Output	DIGITAL(DVI-D)	3G SDI x 1	Up to 1920 x 1200 / 60Hz	
		SDI BYPASS	1080p	SMPTE-424M
			720p / 1080i	SMPTE-292M
	3G-SDI (BNC)		480i / 576i	SMPTE-259M

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