

IF-2D3D

Real-time 2D to 3D converter

Preliminary data sheet
(subject to technical modifications)



The innovative JVC IF-2D3D converter has been designed to analyse and convert standard 2D video into 3D in real time, saving significant production costs. This enables standard 2D cameras to be used as part of a 3D production, with the 2D camera signals input into the IF-2D3D and 'live' converted into 3D.

The converter is ideal for live event production, such as sporting events, music concerts and other live performances. In addition, it is perfect for repurposing archive 2D content to 3D.

Key features:

- Real-time conversion from 2D to 3D
- Very low latency
- Two 3GHz HD-SDI inputs, 1080P capable*
- Two 3GHz HD-SDI outputs
- HDMI (without HDCP) In-Output*
- Two camera signals may be stereo coded
- Adjustment for picture parallax and depth
- External synchronisation
- Sync-Output
- Output encoding selectable:
 - SIDE by SIDE
 - LINE by LINE
 - TOP BOTTOM
 - Checkerboard
 - Left/right separate output
 - Mixed/assorted output
- Built-in wave-monitor for signal control

IF-2D3D Real-time 2D to 3D converter 29.000€ Price code F availability: January 2010.

Handling and connectors:

INPUT FORMAT		3D-FORMAT					OUT PUT	note	
		LI	SES	AB	FS	CB			
HDCSDI DVI HDMI	1080	60p	○	○	○	○	○	SDI and HDMI	
		50p	○	○	○	○	○	SDI and HDMI	
		30p	○	○	○	○	○	SDI and HDMI	
		24p	○	○	○	○	○	SDI and HDMI	
	720	60i	○	○	○	○	○	SDI and HDMI	
		50i	○	○	○	○	○	SDI and HDMI	
		60p	○	○	○	○	○	SDI and HDMI	
		50p	○	○	○	○	○	SDI and HDMI	
DVI	UXGA@60	○	○	○	○	○	HDMI	1600*1200@60Hz	
		○	○	○	○	○	HDMI	1680*1050@55.222Hz	
		○	○	○	○	○	HDMI	1280*1024@50Hz	
		○	○	○	○	○	HDMI	1280*768@50Hz	
	SXGA@60	○	○	○	○	○	HDMI	1024*768@50Hz	
		○	○	○	○	○	HDMI	800*600@60Hz	
		○	○	○	○	○	HDMI	852*480@60Hz	
		○	○	○	○	○	HDMI	640*480@60Hz	

