

Brochure

March 2019

VFC HDMI

HDMI / SDI CROSS CONVERTER

VFC PAL

QUAD PAL / NTSC / SECAM to SDI CONVERTER

VFC VGA

VGA / SDI to HDMI / SDI CONVERTER

VFC SDI SPLITTER

2:4 SDI SPLITTER with EYEANALYSER



VFC Video Format Converter

VFC HDMI

The VFC-HDMI is a scaler / frame rate converter with SDI, HDMI or Test Pattern as input. The scaler can drive HDMI and SDI out. As alternative, both outputs can be used as loop of their corresponding input signal.

OR
Pre / Post Production
Live Events

VFC HDMI is the ideal solution where ever is the need to establish a well defined timing environment. Unique auto detection and GPIO features ease up to handle various scenarios.



1 HDMI IN

1 SDI IN

1 HDMI OUT

2 SDI OUT

LCD and OSD for easy configuration

One Hand Multidirectional Switch

IR Remote available

2 GPIO

USB for Control and Update

ZPA connector for additional safety in medical applications

Comes with Medical Power Supply

SD SDI HD SDI 3G SDI

Auto Input Selection for Scaler

Off, Normal, Priority

Aspect Ratio

Auto, Fullscreen, Overscan

Interlaced / Progressive Timings

Protected Mode

User Presets

Supply Voltage

5V DC

Current

1.5A

Dimension

110x110x25mm

380,00 €

plus Tax

VFC PAL

VFC PAL converts simultaneously 4 Composite Video Signals to 4 SD-SDI signals. For NTSC input signals output is 525i 60Hz , for PAL / SECAM signals output is 625i 50Hz. The outputs can be used for matrix/distribution amplifier of the input signals.

OR
Live Events
Security

VFC PAL is the ideal solution to connect a broad range of legacy video sources to today's video distribution and monitor equipment. Unique GPIOs features ease up to handle various scenarios.



VFC-PAL 4 Composite Video In
VFC-PAL/S 4 Y/C Video In
VFC-PAL/FS 2 CVBS & 2 Y/C Video In
4 SD SDI Out
LCD for easy configuration
One Hand Multidirectional Switch
IR Remote available
2 GPIO
USB

ZPA connector for additional safety in medical applications
Comes with Medical Power Supply

Signal Conditioning for Each Input

Brightness
Contrast
Saturation

Supply Voltage 5V DC
Current 0.7A
Dimension 110x110x25mm

450,00 €

plus Tax

VFC VGA

The VFC VGA is a Scaler / Frame rate Converter with SDI, VGA or Test Pattern as input. The scaler can drive HDMI and SDI out. As alternative, SDI outputs can be used as loop of SDI input signal. The versatile VGA input can be used to convert R G B VESA Timings (800x600 .. 1600x1200) as well as SD and HD YCbCr or RGsB signals.

The Sync on Green, respective Sync on Luma (SOY) Signal can be used for self-determine between RGB and YCbCr input signal levels.

OR
Pre / Post Production
Live Events
CRT Replacement

VFC VGA is the ideal solution to connect a broad range of legacy video sources to today's video distribution and monitor equipment. Unique auto detection and GPIOs features ease up to handle various scenarios.



1 VGA IN

1 SDI IN

1 HDMI OUT

2 SDI OUT

LCD and OSD for easy configuration

One Hand Multidirectional Switch

IR Remote available

2 GPIO

USB

ZPA connector for additional safety in medical applications

Comes with Medical Power Supply

SoG C-SYNC H/V SYNC

SD SDI HD SDI 3G SDI

Auto Input Selection for Scaler

Off, Normal, Priority

Aspect Ratio

Interlaced / Progressive Timings

Protected Mode

User Presets

Noise Reduction for EGA, CGA

Supply Voltage 5V DC

Current 1.5A

Dimension 110x110x25mm

380,00 €

plus Tax

VFC SDI SPLITTER

The VFC SDI is a dual 1:2 SDI Splitter with Reclocker. Supported Standards are SD, HD and 3G SDI (270Mbits/s, 1,485Gbit/s, 2,97Gbits). Beside Dual 1:2 also single 1:4 signal reclocker / distribution / amplifier output modes are available.

OR

Pre / Post Production

Live Events

Security

VFC SDI SPLITTER is the ideal solution where easy setup of splitting or reclocking of up to two SDI signals is required.

Unique GPIOs features ease up to handle various scenarios.

With VFC Remote, Eye Pattern of both inputs are available to give you a rough idea about the quality of the input signal.

2 SDI IN

4 SDI OUT

LCD for easy configuration

One Hand Multidirectional Switch

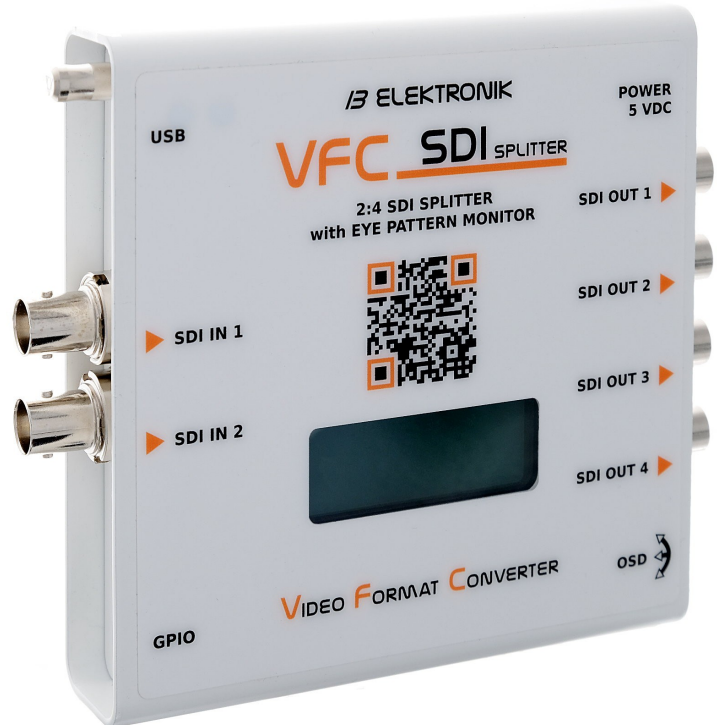
IR Remote available

2 GPIO

USB

ZPA connector for additional safety in medical applications

Comes with Medical Power Supply



Eye Pattern

Supply Voltage

5V DC

Current

0.5A

Dimension

110x110x25mm

Package

280,00 €

plus Tax

Components / Properties

Item	VFC HDMI	VFC PAL	VFC VGA	VFC SDI
SD SDI (270MB/s)	I	O	I	I/O
HD SDI (1.485GB/s and /0.001)	I/O		I/O	I/O
3G SDI (2.97GB/s and /0.001)	I/O		I/O	I/O
Composite Video (1Vss)		I		
RGB Video (0.7Vss / 1Vss)			I	
YCbCr Video (0.7Vss / 1Vss)			I	
SoG/SoY (-0.3V Bi / Tri Level)			I	
Composite Sync / H/V Sync (3.3V/5V)			I	
HDMI / DVI	I/O		O	
Up / Down Skaler	X		X	
Frame Rate Conversation	X		X	
LCD	X	X	X	X
OSD	X		X	
GPIO	X	X	X	X
USB Control	X	X	X	X
USB Update	X	X	X	
Medical Wall Plugged Powersupply 15W	X	X	X	X
USB Kabel 2.4A	X	X	X	X
ZPA	X	X	X	X
Price (without Tax)	380,00 €	450,00 €	380,00 €	280,00 €

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