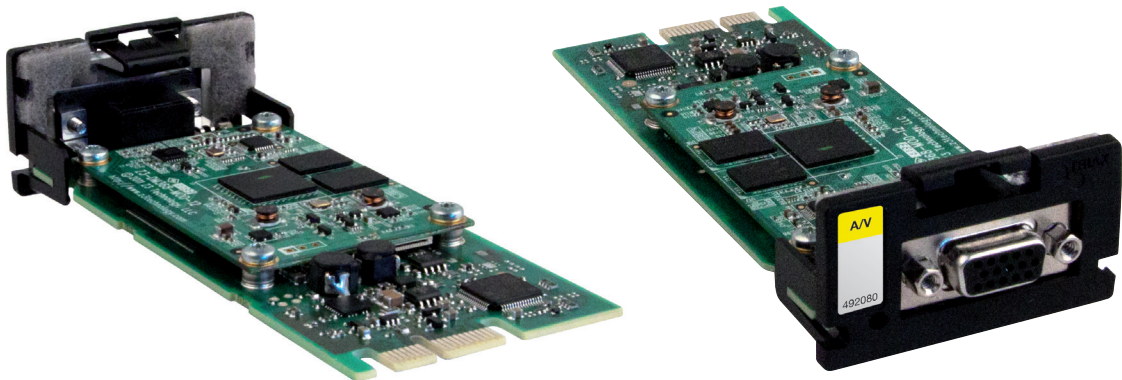


TDX AV Input Module Frontend Encoder - PAL/Secam

Part# GK-TDXAVFE



The AV encoder module converts analog video (CVBS) and audio signals from a set top box, a DVD player, a camera or other sources, into a MPEG2 or MPEG4 data stream. This data stream is then available in the TDX pool and can be sent out on all TDX output modules. Teletext and WSS signaling in the analog signal are also converted into the MPEG2/4 stream.

When configuring your system, it is optional in which slots you place the AV input modules in the input section. When servicing your system, it is possible to remove an input module from a module slot (HOTSWAP). Just use your fingers to press the fastener downwards and then pull the module outwards to remove it.

A 15pol Sub-D / 3xRCA cable used to connect the source to the AV module is also available.

KEY FEATURES

- Composite video input
- Stereo Audio input
- Teletext supported
- Colour standards: PAL, SECAM, (NTSC)
- Constant bit rate up to 10 Mb.
- HOT SWAP service
- Selectable encoder output bandwidth (TDX-GUI)
- Remote update via TDX system interface

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Video input		1 x AV-signal
Audio/Video input connector		15 pol high density sub-D
Video level	Vpp	1.0
Video impedance	Ohm	75
Video S/N ratio	dB	> 53
Video input colour standards		PAL, Secam (NTSC)
Return loss	dB	> 26
Physical interface		CVBS
Scan resolution	p	525, 625
VBI data slicer		Teletext
Accepted input aspect ratio		4:3, 16:9
Audio input		
Embedded audio - AAC, 48 kHz/MPEG2 (L1)		Stereo
Audio input level	Vpp	< 2.4
Audio impedance	kOhm	10 ±1
S/N ratio	dB	> 55
Input frequency range (- 3 dB)	Hz	50-20.000
Input frequency linearity	dB	± 0.75
Max. harmonic distortion	%	< 1.0
Audio bitrate, fixed	kB	192
Output		
Output format		Serial MPEG transport stream (LVDS)
Video codec		MPEG-2, MPEG-4
Video codec settings (CBR)	Mbps	1, 2.5, 5.0, 10.0
Audio/Video input connector		D-Sub type 15p HD (DE15)
Working temperature	°C	-10 to +50
Weight (kg)	kg	0.5
Dimension (HxDxW)	mm	29 x 126 x 53
Remarks		15pol Sub-D/3xRCA cable - length: 1.5 meter