

Teranex Mini

Up/Down/Cross-Conversion

In:

480i (59.94)
576i (50)
720p (50)
720p (59.94)
1080i (50)
1080i (59.94)

Out:

720p; 1080i (59.94)
720p; 1080i (50)
576i; 1080i (50)
480i; 1080i (59.94)
576i; 720p (50)
480i; 720p (59.94)

Input: 1 - HD/SD-SDI

Output: 2 - HD/SD-SDI; 1- Loop

RS232 Control

Aspect Ratio Control: Allows selection from standard aspect ratios such as common top & bottom, common sides, anamorphic and flexview.

Picture Settings: Adjusts Video Gain, Black Level, Hue, Saturation, Sharpness and Detail.

3:2 Handling: Recognizes and handles the redundant fields inserted by telecine during 24fps film to 30fps video conversion. By detecting 3:2 sequences, it allows for better performance in the de-interlace process by maintaining the full vertical resolution.



Rear I/O for Mini

MINI SUPPORTS THE FOLLOWING

Mini-UPC-2 F	Up Converter - 2 Frame Delay
Mini-UPC-4 F	Up Converter - 4 Frame Delay
Mini-DNC-2 F	Down Converter - 2 Frame Delay
Mini-DNC-4 F	Down Converter - 4 Frame Delay
Mini-UDCS	Up/Down/Cross Converter
Mini-UDCSN	Up/Down/Cross Converter with Noise Reduction

- Refer to the Platforms, Packages, Formats application note for a list of formats included in each package.

Flexview

Flexview (available in 480i59.94 to 720p 59.94 & 1080i59.94 and 576i50 to 720p50 & 1080i50 up-conversions) is a non-linear anamorphic aspect ratio designed for use when converting 4:3 material to 16:9 without the tradition distortion of a normal anamorphic stretch. Flexview leaves the center portion of the image untouched but provides increasing amounts of stretch towards the edges of the image, filling the 16:9 image without distorting the center action area.

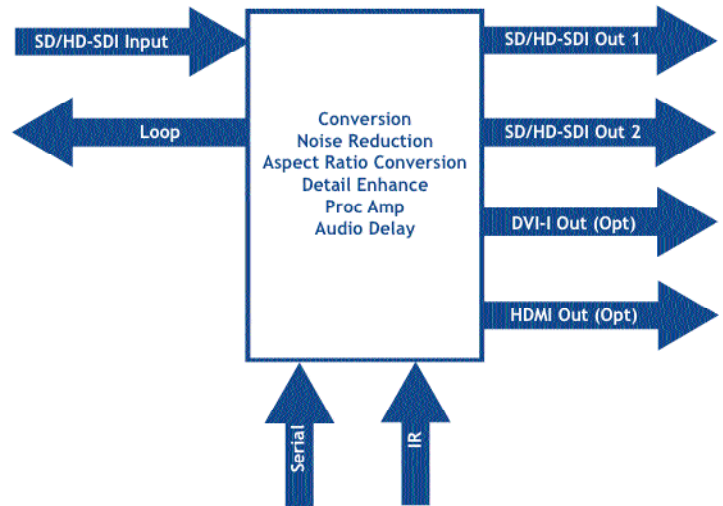
Mini Features

- PixelMotion™ De-interlacing
 - Multi-direction Diagonal Filter (MDDF™) eliminates "jaggies"
 - 2-Frame/4-Frame Delay Mode
 - Per-Pixel Temporal Recursive Noise Reduction
 - Aspect Ratio Conversion
 - Flexview - Non Linear Anamorphic Aspect Ratio
 - Per-Pixel Video/Film detection & processing
 - Film mode detection including 3:2, 2:2, 2:3:3:2, 3:2:3:2:2, 5:5, 6:4, 8:7. etc
 - Scene Change Detection
 - Detail Enhancement
 - Embedded Audio Handling
- Not all features are available in all configurations, consult your Teranex Representative for specific details

Mini SPECIFICATIONS

Video and Audio I/O

Serial Digital In	1 x SDI (SD or HD) (BNC), 10-bit serial digital input with Loop out SD at 270Mbps; Rec 601 with embedded audio SMPTE 272M HD at 1.485Gbps; SMPTE 292M with embedded audio SMPTE 299M
Serial Digital Out	2 x SDI (SD or HD) (BNC), 10-bit serial digital outputs SD at 270Mbps; Rec 601 with embedded audio per SMPTE 272M HD at 1.485Gbps; SMPTE 292M with embedded audio per SMPTE 299M
DVI-I Out (Optional)	1 x DVI-I, Digital Video Interface - Intergrated Supports Digital and Analog Component Video Max resolution 1920x1080 @ 60p
HDMI Out (Optional)	1 x HDMI, High Definition Multimedia Interface Max resolution 1920x1080 @ 60p
Control	
OSD	On Screen Display
IR	Infrared
RS-232	1 x RS232, 9-Pin
Miscellaneous	
Power	12V DC, 15W
Temperature	0°C to 50°C
Dimensions	1.52" H x 5" W x 8.5" D



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A service program that protects and enhances your Teranex investment.

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Mini_DS_v11