3G-SDI to HDMI Converter with Re-clocking and 8-Channel Audio De-embedder

SD, HD and 3G-SDI to HDMI converter with audio de-embedding

MPN: EXT-SDHDX



Need to show an SDI camera or broadcast feed on an ordinary HDMI display? The KanexPro EXT-SDHDX converts SD-SDI, HD-SDI and 3G-SDI to HDMI. Any HD display or monitor with an HDMI input can then show the feed, with no dedicated SDI monitor and no specialized, proprietary SDI card. It re-clocks and equalizes the incoming signal for longer SDI runs. That suits broadcast monitoring, mobile broadcasting units and house of worship centers.

The integrated audio de-embedder recovers 8-channel, 48KHz audio from the SDI stream. Something that surprises people: a source that embeds audio at a different sampling rate will not come through, so check the source's audio setting first. **Note:** This unit converts one way only, from SDI to HDMI, at up to 1080p 60Hz. It does not support 4K. Use 75-ohm RG59 coaxial cable for the SDI input.

All SDI Rates	Audio De-embedder	Re-clocked	Up to 1080p60	Compact
SD, HD and 3G-SDI to HDMI	8-channel, 48KHz	equalized input for runs up to 300m	HDMI output for any HD display	150g for mobile broadcast units

KEY FEATURES

- Converts SD-SDI, HD-SDI and 3G-SDI to HDMI
- Integrated 8-channel, 48KHz audio de-embedder
- Re-clocking and cable equalization for longer SDI runs
- Automatic switching between SD, HD and 3G-SDI standards
- Output up to 1080p 60Hz; data rates up to 2.97 Gbps
- SDI cable runs up to 300m (HD mode up to 130m)
- One-way SDI output with re-clock; supports cascading of multiple SDI units
- Compact 150g body for mobile broadcast units

SPECIFICATIONS

Video Input	1 x SDI, BNC (SD/HD/3G-SDI)
Video Output	1 x HDMI female
Max Resolution	1080p 60Hz (no 4K)
SD Resolutions	525i, 625i
HD Resolutions	720p at 24/25/30/50/60Hz; 1080i at 50/60Hz; 1080p at 24/25/30/50/60Hz
Data Rate	Up to 2.97 Gbps
Audio	8-channel, 48KHz de-embedded
SDI Cable Length	Up to 300m (HD mode up to 130m), 75-ohm RG59
Power	External 5V-12V supply, 5 W
Operating Temperature	0 C to +70 C
Dimensions (LWH)	3.14" x 1.61" x 0.98"
Weight	0.33 lbs (150g)