

EDGE IP Analog 8™

Broadcast Quality Multichannel IP Decoder with IP Input and Analog Video and Audio Outputs. Output is up to 8 Composite Standard Definition Analog Outputs from Standard Definition MPEG-2, H.264/MPEG-4 or AVC Inputs. Audio Output is Unbalanced Audio, 8 Stereo Pairs. Optional Balanced Audio with XLR Connectors. Set Up via LCD Front Panel or via Browser.



Features

- Inputs: IP (100/1000 M)
- Outputs: Up to eight channels of standard definition analog (CVBS) video
- Audio Outputs: Composite unbalanced audio – up to eight stereo pairs
- Decodes to multiple MPEG-2 or MPEG-4 AVC streams
- Highly reliable hardware and software design
- Multiple protective mechanisms such as power failure memory recovery, over-voltage, over-load, short-circuit protection
- Supports PAL and NTSC
- LCD front panel controls plus web-based management
- Supports remote software upgrades

Applications

- MPEG-2/4/H.264 SD Decoder
- Content repurposing
- Multichannel IP decoder

Overview

The EDGE IP Analog 8 is a broadcast quality multi-channel IP decoder. It is unique in that it can decode up to eight unscrambled SD MPEG-2 or H.264/MPEG-4 AVC streams to "old fashioned" analog.

The system supports a wide range of input and output options: IP, and optionally DVB-S/S2 or DVB-ASI; allowing it to handle any program sources. It decodes to analog composite video (CVBS) and unbalanced or balanced audio interfaces.

The EDGE IP Analog 8 can decode up to eight SPTS IP inputs in one rack unit. It features a web-based setup for local and remote management and maintenance, which significantly reduces management time and operating expenses (OPEX) for operators.



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Rear View



Specifications

IP Input

Protocol:	UDP
Type:	Multicast, Unicast (IGMPv1, IGMPv2)
Effective Bit Rate:	≤800 mbps
Ethernet Connector:	100/1000 M Base-T, Full Duplex, RJ45

Optional DVB-ASI Input

Inputs:	One input, one loopthrough input
Connectors:	One BNC female, 75 ohm
Bytes per packet	188
Bitrate:	≤100 mbps

Video Decoding

Decoding Profile and Level:	MPEG-2 SD MP@ML MPEG-4 AVC SD MP@ML AVS
Resolutions and Frame Rates:	PAL: 576i @ 25 fps NTSC: 480i @ 30 fps
Aspect Ratio:	4:3

Audio Decoding

Format:	MPEG-1 Layer II, MPEG-2
Operation Mode:	Stereo or Mono
Sample Rates:	32 KHz, 44.1 KHz, 48 KHz
Audio Bitrate:	192-384 kbps

Audio Video and Audio Output

Composite Video:	8x CVBS, BNC Female 75Ω
Unbalanced Audio:	8x Stereo Pairs (R/L), BNC Female 600Ω
Operation Modes:	Stereo or Mono mode

Optional Analog Balanced Audio (2 RU Unit)

Numbers of Interface:	8x CVBS, BNC Female 75Ω
Connector Type:	8x Stereo Pairs (R/L), BNC Female 600Ω
Operation Modes:	Stereo or Mono mode

Control & Monitoring

Front Panel Controls:	Front panel operation, LCD display LED indicator light
6 Keys:	Up, Down, Left, Right, Enter, ESC
Remote:	100M Base-T Ethernet, RJ45, Web (IE 8.0 or above)

Physical & Power

Rated Voltage:	AC 110-240V 50/60Hz
Rated Power:	30W
Operating Temperature:	-10~50°C (-10~122°F)
Storage Temperature:	-10~75°C (-10~167°F)
Dimensions – LxWxH:	1 RU: 17.72 x 19 x 1.75 inches (450 x 483 x 44.5 mm) 2 RU: 17.72 x 19 x 3.5 inches (450 x 483 x 89 mm)
Weight:	1 RU: 3 Kg 2 RU: 6 Kg
Conformities:	FCC, CE, RoHS

Ordering Info

EDGE IP Analog 8
 EDGE IP Analog 8 with Optional DVB-S/S2 input
 EDGE IP Analog 8 with Optional DVB-ASI input
 EDGE IP Analog 8 with Optional Balanced Audio