



The ADV-8932 is a broadcast analog modulator designed for full compliance with PAL/NTSC/SECAM modulation standards. It has up to 64 IP inputs and can process up to 32 IP multiplexed groups of MPEG TS into up to 32 standard PAL or NTSC or SECAM TV programs.

Main Features:

- 2 GE ports (max 64 IP inputs over MPTS/SPTS), Max 840Mbps for each GE input
- HEVC/H.265, H.264/AVC, MPEG-2 TS Decoding
- BISS descrambling
- Processing of up to 32 IP multiplexed groups of MPEG TS into up to 32 standard PAL or NTSC or SECAM TV programs
- 32 non-adjacent or adjacent carriers output within 400MHz
- OSD (Logo and Caption) insertion for each channel
- CC/Subtitle/Teletext support
- Programs info modification
- Web network management



Specifications

Input	Interface/rate	2 GE ports (max 64 IP input) Max 840Mbps for each GE input
	Stream	UDP, UDP / RTP, 1-7 packets (SPTS/MPTS)
	Transport Protocol	UDP/RTP, unicast and multicast, IGMP V2/V3
	Packet Length	188 / 204 Bytes
Decoding Parameters	Video	HEVC/H.265, H.264/AVC, MPEG-2
	Audio	MPEG-1/2 Layer 1/2, (HE-)AAC, AC3
	Data	CC, Teletext, Subtitles, DVB Subtitling
	Resolutions	HEVC/H.265: 1080@60P, 1080@60I, 1080@50P, 1080@50I, 720@60P, 720@50P H.264/AVC: 1080@60P, 1080@60I, 1080@50P, 1080@50I, 1080@30P, 1080@25P, 720@60P, 720@50P, 576@50I, 480@60I MPEG2: 1080@60I, 1080@50I, 720@60P, 720@50P, 576@50I, 480@60I
	Aspect ratio	4:3, 16:9
Modulation Parameters	Number of channels	Up to 32 non-adjacent or adjacent carriers output
	Connectors	75 Ω , F-jack
	Frequency range	43.25 – 951.252MHz
	Output Bandwidth	400MHz
	Output level	-5 ~ 5dBm (102 ~ 112dB μ V)
	Return loss	\geq 14dB
	Spurious frequency dist.	\geq 60dB
	Residual carrier accuracy	1%
	TV standard	PAL B/G/D/K/M/N/I, NTSC M, SECAM
	Video-signal to noise ratio	\geq 60dB
	Carrier to noise ratio	\geq 60dB (with single carrier on) \geq 55.5dB (when all 32 carriers on)
Network Interface	Management	1 x 100 Base-T Ethernet (RJ 45)
	Data	2 x 1000 Base-T Ethernet (RJ 45)

Other	Image resolution output	480i/576i
	OSD	Logo : JPG, BMP, PNG
		Caption : support multiple languages, scrolling direction and speed customized
Output volume adjustment	0 - 100 %	
General	Dimensions	420mm×440mm×44.5mm (W×L×H)
	Temperature	0~45°C (operation), -20~80°C (storage)
	Power Supply	AC100V±10%, 50/60Hz or AC 220V±10%,50/60Hz