32 in 1 IP Analog Modulator



Content

Features 3

Specification 4

Features

- 2 GE ports (max 64 IP input over MPTS/SPTS), Max 840Mbps for each GE input
- Support HEVC/H.265, H.264/AVC, MPEG-2 TS Decapsulation
- Processing of up to 32 IP multicast groups of a Gigabit Ethernet MPEG TS into up to 32 standard PAL or NTSC or SECAM TV programs (SECAM is under development)
- 32 non-adjacent or adjacent carriers output
- High density
- Support Web-based Network management



Specification

Input	Interface/rate	2 GE ports (max 64 IP input) Max 840Mbps for each GE input
	Stream	UDP, UDP / RTP, 1-7 packets, FEC, 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 Level 4.1 HP, MPEG-2 MP@HL
	Audio	MPEG-1/2 Layer 1/2, (HE-)AAC, AC3 (Optional)
	Data	Teletext, Teletext subtitles, DVB Subtitling
	Resolutions	**HEVC/H.265:** 1080@60P, 1080@60I, 1080@50P, 1080@50I, 720@60P, 720@50P **H.264/AVC:** 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	75Ω, F-jack
	Frequency range	47 – 862MHz, digital modulation process
	Output level	maximum 112dBµV
	Return loss	≥ 14dB
	Spurious frequency dist.	≥ 60dB
	Stereo cross talk	> 55dB
	Residual carrier accuracy	1%
	TV standard	PAL B/G/D/K/M/N, NTSC M/J/4.43 SECAM (under development)
	Video-signal to noise ratio	≥ 60dB
Network Interface	Management	1 x 100 Base-T Ethernet (RJ 45)
	Data	2 x 1000 Base-T Ethernet (RJ 45)
	Protocol	IEEE802.3 Ethernet, RTP, ARP, IPv4, TCP/UDP, HTTP, IGMPv2/v3

Others	Image resolution	up to 1080i
	CNR	60 dB (after internal combining)
	SNR	> 53 dB (after internal combining)
	Sampling frequency	48, 44.1, 32
	Output volume adjustment	0 - 100 %
General	Demission	420mm×440mm×44.5mm (WxLxH)
	Temperature	0~45°C(operation), -20~80°C(storage)
	Power Supply	AC100V±10%, 50/60Hz or AC 220V±10%,50/60Hz

For More Information

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