

Overviews

IPAM-32X is our latest product which is for IP to analog system specially. It supports max 64 IP over SPTS/MPTS input, after decoding, the programs will be modulated to 32 non-adjacent carriers output. Modulation model supports PAL, NTSC as well as SECAM standard. Used for hotel, community and entertainment spot.



Feature

- Support H.264/AVC, MPEG-2 TS Decoding
- 2 GE ports (max 64 IP input over MPTS/SPTS), Max 840Mbps for each GE input
- 32 non-adjacent carriers output
- Support Web-based Network management

Specification

Item	Parameter
Input Parameter	
Interface	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	TS over UDP/RTP, unicast and multicast, IGMP V2/V3
Packet Length	188 / 204 Bytes
Decoding Parameters	
Video	H.264/AVC Level 4.1 HP, MPEG-2 MP@HL
Audio	MPEG-1/2 Layer 1/2, (HE-)AAC
Data	Teletext, Teletext subtitles, DVB Subtitling
Resolutions	480I 576I 720P 1080I 1080P

Aspect ratio	4:3/16:9
Modulation Parameters	
Number of channels	up to 32
Connectors	75Ω, F-jack
Frequency range	47 – 862MHz, digital modulation
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, 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
Image resolution	up to 1080i
CNR (after internal combining)	>60 dB
SNR (after internal combining)	> 53 dB
Sampling frequency	48, 44.1, 32
Output volume adjustment	0 - 100 %
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



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