HPR6400 32 in 1 IP to Analog Modulator

Key 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 and adjacent carriers output within 400MHz
* high density
* Support Web-based 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, 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

	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
	Connectors	75Ω, F-jack
	Frequency range	47 – 862MHz, digital modulation process
	Output Bandwidth	400MHz
	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℃(operation), -20~80℃(storage)
	Power Supply	AC100V±10%, 50/60Hz or AC 220V±10%,50/60Hz