

DCM760

Modular design IP Demultiplexer

dibsys



DCM760, Professional DCM platform is an ideal solution for multiplexing of MPEG streams which provide a cost effective, versatile and efficient for delivering digital TV content over IP networks. With modular design, it is equipped with up to 3 modules, each module built in two GE RJ45 ports (one is for input and the other for output). For data processing, each module can process up to 512 SPTS/MPTS input, and 512 SPTS output, which achieves a total 1536 channels converting in one unit. CA Filter function is supported on the basis of multiplexing function, which can select filter or keep the CAS data from the original signal source.

DCM760 is a 1RU platform (maximum 3 modules) capable of processing a high number of MPEG video streams. The MPEG Processor is the Second generation of intelligent headend processing equipment where the combination of compactness and flexibility leads to a cost-effective solution.

Key Features

- Modular design, with up to 3 modules
- 512*SPTS/MPTS input and 512*SPTS output each module over UDP, RTP, Unicast and Multicast
- Processing up to 512 programs in SPTS/MPTS and Demultiplexing to 512 SPTS out over UDP/RTP protocol by each module
- Demultiplexing of MPTS into SPTS
- PID filtering, mapping and passthrough
- High density, high quality, high performance, high flexibility
- accurate PCR adjusting
- Low network jitter, low latency
- PSI/SI rebuilding and editing
- WEB Management
- Reboot in Web-GUI
- Easy-to-Use System Management

Application

- All-Digital Broadcast IP Headend Solution
- Contribution and Distribution
- Demultiplexing of MPTS into SPTS
- Deliver any MPEG content from satellite, cable, DTT source

TECHNICAL SPECIFICATIONS

GbE IP Inputs

IP input (each module)	512 *SPTS/MPTS
Connector Type	RJ45
input Bitrate	850Mbps each port
MPEG-TS over IP	
Unicast/Municast(IGMP 2.0,3.0)	

MPEG-TS Over IP out

IP output (each module)	512 *SPTS
output Bitrate	850Mbps each port
1000M base-T, Full Duplex	
MPEG TS over UDP/IP output, Multicast/Unicast	

Multiplexing

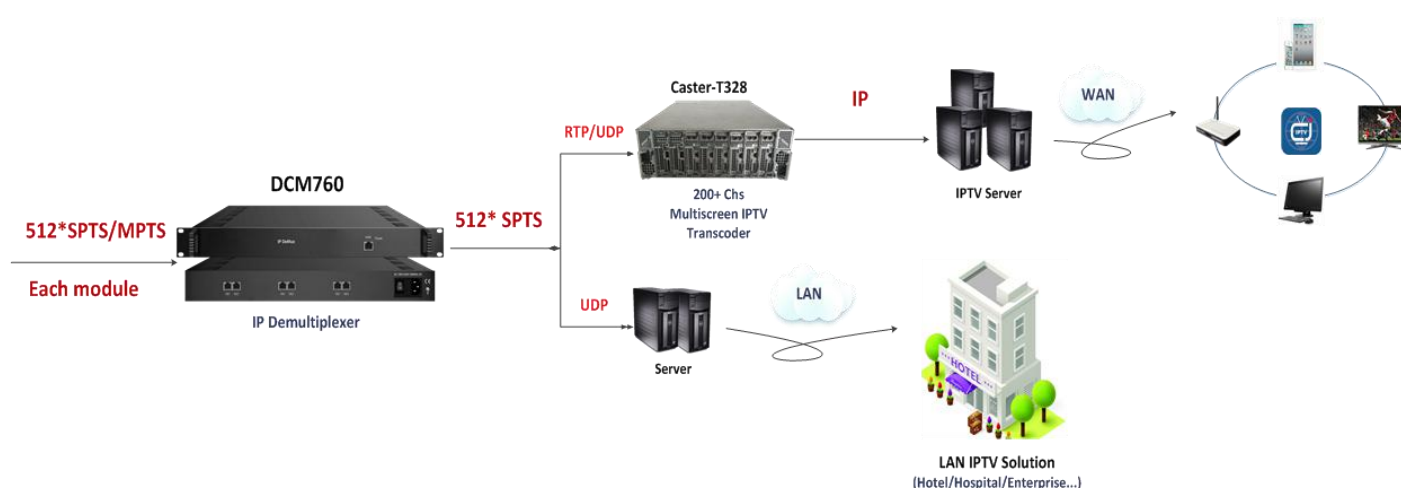
CA PID filtering, PID re-mapping
accurate PCR adjusting
PSI/SI rebuilding and editing

Control

1000M Base-T Ethernet, RJ45, WEB

Environment

Power supply	100~240VAC, 50/60Hz
Consumption	20W
Dimensions	482mm×410mm×44mm
Weight	3.6kg
Working Temperature	0~45℃
Storage Temperature	-20~80℃



ORDERING INFORMATION

Product category	Product Model	Detail Description	Application
Related Products	PREMIUM 8* DVB-S2 FTA IRD IRD1218	8* DVB-C or FTA/BISS DVB-S2 inputs(QPSK/8PSK demoduation); 14*MPTS/240+SPTS/2ASI out; MPEG-TS over UDP/RTP; Multiplexer/ Scrambling; 5 years Warranty	-Large and Medium Cable TV operator -IPTV/OTT headend -Content providers -DTH -Carrier-grade
	PREMIUM 8* DVB-S2 CI IRD IRD1380	8*DVB-C/S2/T2/ATSC/ISDBT/8 CI input; 9*MPTS/128*SPTS/ 9*ASI out; MPEG-TS over UDP/RTP; Multiplexer; 5 Years Warranty	
	Carrier 8* ATSC/ISDB-T/DVB-T2 FTA IRD IRD1518S	8* ATSC, ISDB-T, DVB-T2(or DVB-C/DVB-S2) FTA tuners inputs, 256* UDP/RTP SPTS over IP out	
Companion Products	Professional IP QAM Modulator IPQ6250	16 QAM no-adjacent/Two GbE IP per Module, 3 Modules/48QAM per 1RU, Annex A/B/C, Multiplexer/ Scrambling; 5 Years Warranty	-Cable TV operator -Distribute video to QAM Network
	200Channel IPTV Transcoder Caster-T328	25SD(or 12hd or 5FullHD) Chs per Module, 8 Modules per 3RU, H.264(Upgrade to H.265 by license), RTMP/HLS/UDP/ HTTP/RTSP; Across/upscale/downscale convert 3 Years Warranty	-IPTV -Cable TV operator -Content Provider -Video to Ethernet
	H.264/H.265 IPTV Transcoder Anystream428	2*GbE IP input/output, 25*SD or 12*HD or 5*FullHD transcoder per blade, Up to 8 hot plug blades, H.264/H.265 UDP/RTSP/HTTP/HLS/RTMP; 5 Years Warranty	-Cable TV/DTH -IPTV/OTT -Web/Internet TV -Ultra-low bitrate at superior video quality
	120Channel H.264 OTT Transcoder Matrix-VI	30*SD (or 15*HD or 6*FullHD) per module. Up to 4 modules 120Channels, H.264 encoding, 2RU chassis, UDP/RTSP/HTTP/HLS/RTMP; 5 Years Warranty	