

DXP-8100EC

8-way H.264 SD&MPEG-2 SD Encoder



DXP-8100EC consists of two 4-way (total 8) H.264/MPEG-2 SD encoder, All encoders are real time and independent operated. Each encoder accepts one stereo program through its CVBS ,These programs encoded are multiplexed onto one Transport Stream (TS). The essential PSI/SI tables of the TS, including LCN (Logical Channel Number), are generated automatically and are editable by user. Then this TS stream is available through the TS/ IP port on the front panel.

DXP-8100EC is accommodated in a standard 1U x 19" rack mountable chassis.

Features

- Compliant with H.264/AVC MP@L4.0 & MPEG-2 MP@ML
- Internal reMUX accepts TS from the TS/IP port
- Up to 9 TS/IP streams @ total bit rate of 200Mb/s
- SD Video Resolution: 576i,480i
- MPEG1-L2 Audio Encode
- Remote control/monitoring with SNMP and HTTP/Web interface

Model list & Ordering information

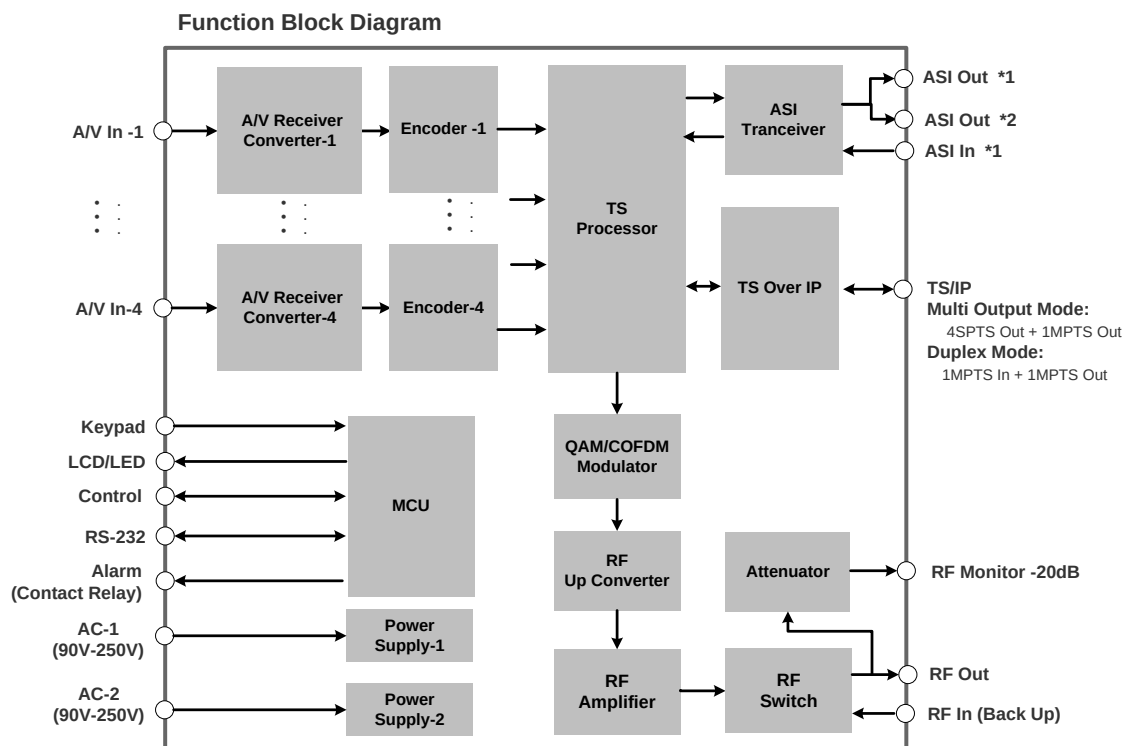
Function		DXP-8100EC	DXP-4100EC
Input	CVBS&Audio	X8	x4
	TS/IP (GbE)	●	●
Output	TS/IP	●	
RS-232 (for debug)		●	●



Technical Specifications

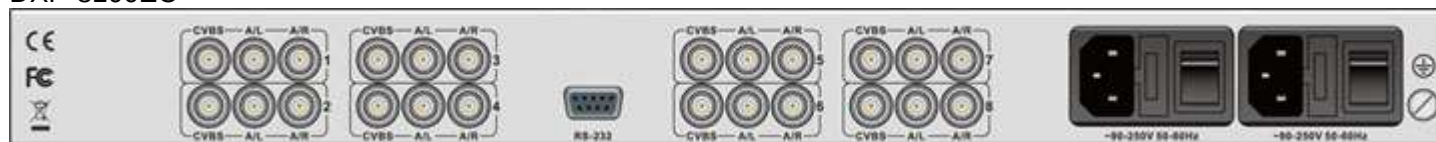
Video	
Input Interface	CVBS RCA-female 75Ω x 8 (see model list)
Encode Standard	H.264/AVC MP@L4.0&MPEG-2 MP@ML
Chrominance Sampling Format	4:2:0
Other Output Resolution	Manually enter, Arbitrarily
Audio	
Input Interface	RCA-female pair x 8, (see Model list)
Encode Standard	MPEG1 Layer II
Sampling Frequency	48KHz
Encoder Bit Rate Range	MPEG1 Layer II :32~192Kbps(Mono), 64~384Kbps(Stereo),
TS/IP, Mode 1: Full Duplex, Single TS in, Single TS out	
Standard	IEEE 802.3, 10/100/1000 Base-T
Maximum Bit Rate	80Mb/s in + 80Mb/s out
Data Encapsulation	UDP, RTP, SPTS or MPTS
Protocol	ICMP, ARP, IGMPv2
TS/IP, Mode 2: Output Only	
Standard	IEEE 802.3, 10/100/1000 Base-T
Maximum Output Bit Rate	200Mb/s
Data Encapsulation	UDP, RTP, SPTS or MPTS
Protocol	ICMP, ARP, IGMPv2
Rear Panel	
CVBS In	RCA Female, 75Ω (see model list) x 8
Audio In	RCA Female, 75Ω (see model list) Pair x8
Front Panel	
Control	RJ-45, 10/100 Base-T x 1, USB x 1
TS/IP	RJ-45, 10/100/1000 Base-T x 1
Display	2x16 LCD module
Others	
Input AC Voltage Range	AC100~260V 50/60Hz
Operating Temperature	0 ~ 40℃
Storage Temperature	-10 ~ 60℃
Operating Humidity	10 ~ 90%, (Non-condensed)

Function Block Diagram



Rear Panels

DXP-8100EC



DXP-4100EC

