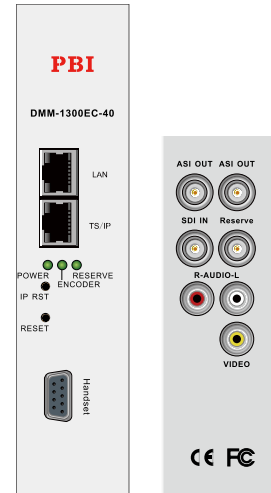


MPEG-2 SD Encoder Module

DMM-1300EC Series Single Channel MPEG-2 SD Encode

- Digital SDI with embedded digital audio input
- Analog Composite Video for PAL/NTSC/SECAM Input
- MPEG-2 MP@ML Video encoding
- User configurable GOP
- User configurable 4:3/16:9 aspect ratio
- PAT, PMT and SDT generation and NIT Insertion
- 10/100M IP Output, UDP/RTP & Unicast/Multicast SPTS and MPTS
- Remote Control and Supervision by SNMP, HTTP WEB and Proprietary HDMS software



Specification

Video Compression		Service and PID management	Remux, filtering and remapping
Analog Input	Analog NTSC, PAL and SECAM	PSI/SI	PSI/SI table regeneration, NIT and SDT edition
Digital Input	SD-SDI (SMPTE-259M)	TS over IP Output	
Compression Standard	MPEG-2 MP@ML	Connector Type	1×RJ45, 10/100M for TS/IP
Video Resolution	480i (720x480) @29.97Hz: SMPTE125M 576i (720x576) @25Hz: ITU-R BT.656-4	Useful bit rate	70Mb/s for 10/100M
Aspect Ratio	4:3/16:9 selectable	Protocol	UDP / RTP, Multicast / Unicast, IGMPv2 ARP
Video output Bit rate	1.5 ~ 20Mb/s	ASI Output Interface	
Audio Compression		Connector Type	2×BNC Female, 75Ω
Audio Channels	1 pair of stereo	Output bit rate	≤ 99Mb/s
Audio Sampling Rate	32, 44.1, 48 KHz	Packet Length	188 / 204 Bytes
Audio Output Bit rate	32, 64, 128, 192, 256, 384 Kb/s	Signal Level	800mVpp±10%
Audio/Video Input Interface		Control & Monitoring	
Analog Audio	RCA female, Stereo L/ R	Connector Type	1×RJ45, 10/100M, for equipment IP Control
Analog CVBS	RCA female, 75Ω	Remote Control	SNMP, HTTP Web, Proprietary HDMS network Management Software
SD-SDI	1×BNC female, 75Ω	Local Control	Handheld Programmer Unit
SDI embed audio	Group 1 to 4 selectable	Software Upgrade	FTP loader
TS Processing			
TS Output Management	Remux and demux for mirror ASI outputs		

Order Information

Interface	Model	DMM-XXXX-XX	
		1300EC-30	1300EC-40
CVBS		•	•
SD-SDI Input		•	•
ASI Output		×2	×2
TS/IP Output			•