

Order Information

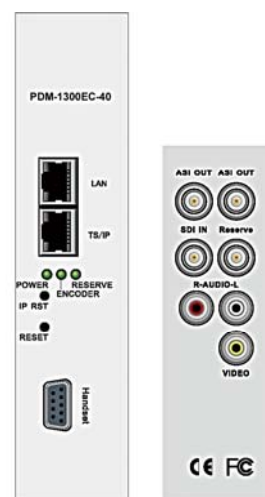
Interface	Model	
	PDM-XXXX-XX	
	1300EC-30	1300EC-40
CVBS	•	•
SD-SDI Input	•	•
ASI Output	×2	×2
TS/IP Output		•

MPEG-2 SD encoder module

PDM -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	
Analog Input	Analog NTSC, PAL and SECAM
Digital Input	SD-SDI (SMPTE-259M)
Compression Standard	MPEG-2 MP@ML
Video Resolution	480i (720x480) @29.97Hz: SMPTE125M 576i (720x576) @25Hz: ITU-R BT.656-4
Aspect Ratio	4:3/16:9 selectable
Video output Bit rate	1.5 ~ 20Mb/s
Audio Compression	
Audio Channels	1 pair of stereo
Audio Sampling Rate	32, 44.1, 48 KHz
Audio Output Bit rate	32, 64, 128, 192, 256, 384 Kb/s
Audio/Video Input Interface	
Analog Audio	RCA female, Stereo L/ R
Analog CVBS	RCA female, 75Ω
SD-SDI	1×BNC female, 75Ω
SDI embed audio	Group 1 to 4 selectable
TS Processing	
TS Output Management	Remux and demux for mirror ASI outputs

Service and PID management	Remux, filtering and remapping
PSI/SI	PSI/SI table regeneration, NIT and SDT edition
TS over IP Output	
Connector Type	1×RJ45, 10/100M for TS/IP
Useful bit rate	70Mb/s for 10/100M
Protocol	UDP / RTP, Multicast / Unicast, IGMPv2 ARP
ASI Output Interface	
Connector Type	2×BNC Female, 75Ω
Output bit rate	≤ 99Mb/s
Packet Length	188 / 204 Bytes
Signal Level	800mVpp±10%
Control & Monitoring	
Connector Type	1×RJ45, 10/100M, for equipment IP Control
Remote Control	SNMP, HTTP Web, Proprietary HDMS network Management Software
Local Control	Handheld Programmer Unit
Software Upgrade	FTP loader