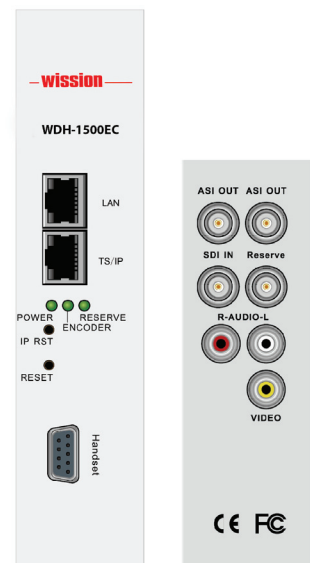


# WDH-1500EC

Single Channel MPEG-2 SD Encode

## Main Feature

- 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 softv



## 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

## Order Information

Interface / Model	WDH-XXXX-XX	
	1500EC-60	1500EC-80
CVBS	•	•
SD-SDI Input	•	•
ASI Output	x2	x2
TS/IP Output		•