Overview

Wv-1808 8IN1 MPEG-2/H.264 SD Encoder supports SD MPEG-2/H.264 video and MPEG-1 audio encoding. It has 8\*CVBS video, 8 pairs of unbalanced audio and 1\*ASI (BNC (MUX)) input interfaces, and can multiplex the input signal (TS) to generate DVB transport stream (TS/ASI)  and IP (TS over UDP) output. The encoder suits 1U rack and can be configured by front panel LCD and NMS (network management software). Its high-integrated and cost-effective design makes it widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting and terrestrial digital TV, etc.

Main Feature

MPEG-2/H.264 video and MPEG-1 audio encoding

8\*CVBS video and 8 pairs of unbalanced audio (high-fidelity mono/stereo) input

1xASI (MUX) input

Support PAL and NTSC video formats

Support ASI/IP (TS over UDP, multicast/unicast) output

LCD/Keyboard control by front panel and network management by Ethernet

Technical Specification

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| **Input** | **Video Signal** | 8\*CVBS, BNC interface, level 1.0 Vp-p |
| **Audio Signal** | 8 pairs of unbalanced audio, BNC interface, level 2.0 Vp-p |
| **ASI** | TS, DVB standard (mux), BNC interface |
| **Video Coding** | | MPEG-2/H.264 |
| **Resolution** | **Standard** | support 1/2D1, 2/3D1, 3/4D1,9/16D1 |
| **Format** | PAL/NTSC |
| **Audio Coding** | **Sampling** | 32KHz, 44.1KHz, 48KHz |
| **Code Rate** | 32, 48, 56, 64, 128, 192, 256, 384, 448Kbps |
| **Property** | MPEG-1 Layer2, 1 stereo or dual-channel |
| **Output** | **2��ASI** | 1 as mirror, DVB standard, BNC interface |
| **IP** | 100mbps RJ45, TS over IP/UDP/MPTS/SPTS |
| **Output BitRate** | | 1.0~15Mbps continuously adjustable per channel |
| **Control** | | NMS (Ethernet port, RJ-45), Keyboard + LCD |
| **General Features** | **Size** | 482mmx410mmx44mm |
| **Temperature Range** | 0~45'C (Operation); -20~80'C (Storage) |
| **Power** | 100-240VAC, 50Hz, 25W |