

●H.264 SD Encoder

●GN-1886

Low Bit Rate H.264 Encoder GN-1886 is a 4-channel H.264/MPEG-2 low bit rate SD encoder, which can achieve transmission of high quality multimedia contents with minimum data rate. Customers may choose analogue audio/video outputs from professional satellite receivers or local program sources in accordance with actual system needs, to be encoded by GN-1886, and output to ASI and IP ports, for further distribution to different application systems.

ASI output data will be fed into re-multiplexer, and then fed the multi-program data into RF modulator, and finally fed into cable, terrestrial or satellite network for transmission.

IP output data goes into video server via network switches. Video server then processes and distributes the data to user-end terminals via video service network with proper management.



Main Features:

·Support 4 channels of H.264 encoding with multiple resolutions:

√PAL: 720*576/704*576/640*576/544*576/352*576@50Hz

√NTSC: 720*480/704*480/640*480/544*480/352*480@60Hz

·4 independent channels of video/audio input ports

·Support VBR/CBR video encoding

·Supported low bit rate encodings:

√Independent audio encode bit rate configuration available: 64Kbps, 128Kbps, 192Kbps, 256Kbps, 384Kbps

√Video output bit rate range: 0.25~7Mbps(H.264)/0.5~7Mbps(MPEG-2)

√System output data rate range: 2~40Mbps

·IP output TS is in the form of UDP packet, support MPTS/SPTS mode

·Payload of UDP consists of 7 TS packet of 188-byte length

·Support NIT insertion

·Web-based remote management and control

- Support auto-saving of user configurations, for recovering of previous working status
- Power failure memory recovery