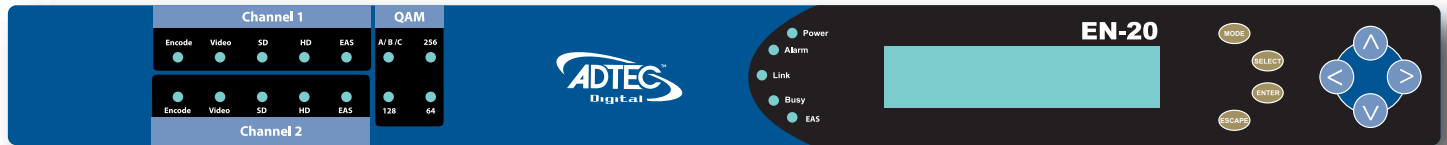# EN-20 HD/SD Dual SDI MPEG2 Encoder with QAM Modulator

The EN20 is a two-channel High and Standard definition MPEG 2 distribution encoder supporting ATSC and DVB QAM, ASI and IP distribution platforms.

It inherits Adtec's broadcast quality compression, advanced feature set, service performance and reliability in the new dense two-channel platform targeted towards broadcasters, cable and IP compression applications.

The device automatically detects video and audio from two sources (combination of HD and SD acceptable), encodes, multiplexes and send them back out as one combined TS via IP, ASI or optional QAM. Closed captioning and support for Emergency Alert (EAS) are standard.

Availability

EN20-01
Dual HD/SD MPEG 2 Encoder

EN20-01-QAM
Dual HD/SD MPEG 2 Encoder with QAM Modulator

Features

2-Channel high definition encoding:
The EN-20 automatically detects two channels of video and audio, encodes and multiplexes the signal into a multiple program transport stream with either DVB or ATSC table compliance.

Optional QAM modulation and RF up-conversion:
For cable television applications, the unit modulates the signal using QAM Annex A and B and up-converts two video and audio services multiplexed on one carrier frequency for distribution via coax networks.

Standard ASI and GigE output:
For non-RF applications, the EN-20 delivers ASI (75 Ohm source per EN500083-9) and GigE (MPEG2 or optional RTP multicast transport egress).

Program information:
The EN-20 is compliant with the ATSC A69 Program and System Information Protocol (PSIP).

Closed captioning and EAS:
Support for closed captioning and Emergency Alert (EAS) is standard.

Flexible configuration & control:
Controlling and configuring the EN-20 is easy using the integrated front panel keypad and LCD and web page for configuration and monitoring.

Features and specifications subject to change without notice