



DCH-5200EC

Single Channel H.264 HD Encoder



General:

The DCH-5200EC is a high quality single channel high definition MPEG4/H.264 encoder. It has a wide range of digital/analog video and audio inputs: CVBS, HD-SDI, YPbPr and stereo audio. It can support up to high definition TV up to 1080P, and the compressed MPEG4/H.264 signal is outputted from the ASI and IP port. Compared to DCH-4000EC and 5000EC, it presents a unique function of Time Base Correction to ensure the audio and video synchronization, the feature necessary for the professional TV signal flow.

The DCH-5200EC's re-multiplexing function enables creation of a new transport stream between the TS of encoder and the TS from ASI or IP. The encoder/trans-coder output can be multiple SPTS or MPTS over IP, as well as over ASI. In transcoding mode, the digital audios are looped through and time stamping is automatically implemented to ensure the synchronization between video and audio. This unique encoder/trans-coder with built-in re-multiplexer architecture makes the DCH-5200EC one of the best solutions to meet the MPEG2 to MPEG4/H.264 migration in today's digital broadcasting market.

Features:

- Multiple video resolution including 1080p, 1080i, 720p, 576i and 480i
- Multiple inputs, HD-SDI, YPbPr, and CVBS
- Unique video and audio synchronization by time base correction
- Support 10/100M TS/IP SPTS and MPTS
- Built-in re-multiplexer for encoder loop
- Support VBR and CBR encoding mode
- Support 2 pairs of analog stereo audio encoding with optional extension board
- Remote Control and Supervision by SNMP, HTTP WEB



Order Information:

| Interface | | Model | DCH-5200EC | | | |
|-----------|------------------|-------|------------|-----|-----|-----|
| | | | -30 | -32 | -40 | -42 |
| Input | ASI | | • | • | • | • |
| | CVBS | | • | • | • | • |
| | SDI | | • | • | • | • |
| | YPbPr | | • | • | • | • |
| | HDMI | | • | • | • | • |
| | Audio 1 | | • | • | • | • |
| | Audio 2 | | | • | | • |
| Output | ASI x2 | | • | • | • | • |
| | GigE Full Duplex | | | | • | • |
| | Management | | • | • | • | • |
| | RS-232 | | • | • | • | • |

Back panel Interface (Full option)

