DCH-3000EC
Single Channel MPEG-2 SD Encoder

General:

DCH-3000EC is a real-time single program 4:2:0 MPEG-2 encoder. It provides both analog and digital audio/video inputs like CVBS, S-Video and SDI. By making compression of the base band TV signal, the encoder outputs a single program transport stream (SPTS) to the ASI output port. Furthermore, DCH-3000EC has an ASI input port which can re-multiplex the encoded SPTS with an external MPTS and generate a new MPTS. As an option, the MPTS of the encoder can also be outputted through RJ-45 port over IP. User can use SNMP for equipment remote control and supervision. The configuration of an encoder with built-in re-multiplexer makes DCH-3000EC an ideal product for the digital TV Headend system where the high quality stable video/audio compression is needed.

Features:

• Compliant with 4:2:0 MPEG-2 MP@ML video compression standard
• Multiple video inputs S-Video, SDI, ASI and CVBS
• Multiple audio inputs Stereo, Balanced audio, and SDI embedded audio input
• Support PAL, NTSC, and SECAM analog TV standards
• User-configurable 4:3/16:9 aspect ratio
• Video compression bit rate from 1.5Mbps to 20Mbps
• Configurable GOP
• Built-in two-way Re-multiplexer
• Support PAT, PMT and SDT generation and NIT insertion
• SNMP based remote control system
• LCD display and user friendly operation menu
• Up to 6 MPTS or SPTS over multicast or unicast IP streaming output

Order Information:

Model Interface	DCH-3000EC-10	DCH-3000EC-30	DCH-3000EC-40
S-Video Input	•	•	•
CVBS Input (BNC)	•	•	•
SDI Input (BNC)		•	•
Balanced audio XLR	•	•	•
ASI Input		•	•
Built-in Remultiplexer	•	•	•
ASI Output	•	•	•
10/100M TS/IP(RJ45 interface, 6 channels)			•

· Standard function

Back panel Interface (Full option)