

CL-HD-DEC

HD Video / Audio - MPEG4 h.264 Decoder



The CL-HD-DEC is a HD decoder, which can decode a transport stream from ASI, tuner or IP sources into audio and video signal. With the help of CAM module, it can decrypt the encrypted programs in the input TS. Apart from this function, it also can encapsulate the output TS into IP packet and output in UDP protocol. User can watch the contents of the IP outputs from decoding software on computer. The HD Decoder has full-range of output interface ports, such as HD-SDI, SD-SDI, HDMI, YPbPr, XLR, S/P, DIF, etc., which can satisfy the professional user's needs.

FEATURES

- Receives MPEG-2/MPEG-4 signals from various sources including DVB-S/S2/T/C, ASI and IP
- Two common interfaces working simultaneously to support multi-channel decryption
- Program filtering
- Support various outputs including HDMI, YPbPr, CVBS, HD/SD-SDI, ASI and IP
- Optional TS/IP input/output enables IP/ASI conversion, IP stream descrambling.
- Support multi-channel IP unicast and multicast (SPTS outputs for IPTV)
- Support Pro-MPEG FEC
- BISS I and E support
- Network Management & SNMP support

VIDEO INPUT

- DVB-ASI Input
- Connector: BNC, 75 Ohm
- Packet Length: 188 & 204 byte packets
- TS Max Bit Rate: 72 Mbps
- TS/IP Input
- Connector: 100/1000 Base-T, RJ-45
- Error Correction: Pro-MPEG FEC
- Encapsulation Protocol: MPEG2/MPEG4 TS over UDP & RDP
- Broadcasting Type: Unicast and Multicast
- DVB-S/S2 Input
- Constellation: QPSK, 8PSK
- Symbol Rate: 1-45 Mbps
- FEC All Rations Compliant
- Signal Level: -65 ~ -25 dBm
- DVB-T Input
- Constellation: COFDM, 2K& 8 K FTT
- Symbol Rate: 0.45 - 7 Mbps
- Frequency: 45 - 858 Mhz
- Signal Level: -90 ~ -20 dBuV
- DVB-C Input
- Constellation: QAM (16/32/64/128/256)
- Symbol Rate: 3 - 7 Mbps
- Frequency: 50 - 862 Mhz
- Signal Level: 32 ~ -105 dBuV

AUDIO/VIDEO OUTPUT

- 2 x HD/SD-SDI Outputs (With Embedded Digital Audio)
- 2 x CVBS Outputs (1 BNC, 1 RCA)
- 1 x Component Output (YPbPr)
- 1 x HDMI Output (with HDCP, 720p & 1080i)
- 1 x AES/EBU Digital Audio Output
- DVB-ASI Outputs (2)
- Connector: BNC, 75 Ohm
- Packet Length: 188 byte packets
- TS Max Bit Rate: 72 Mbps
- TS/IP Output
- Connector: 100/1000 Base-T, RJ-45
- Error Correction: Pro-MPEG FEC
- # of channels: 8
- Broadcasting Type: Unicast and Multicast
- Supporting Protocol: DHCP, TCP/IP, ARP, IGMP

DIMENSIONS

- 44mm x 484mm x 274mm
- 1U Rack Mount Chassis
- Weight 3.7 kg