

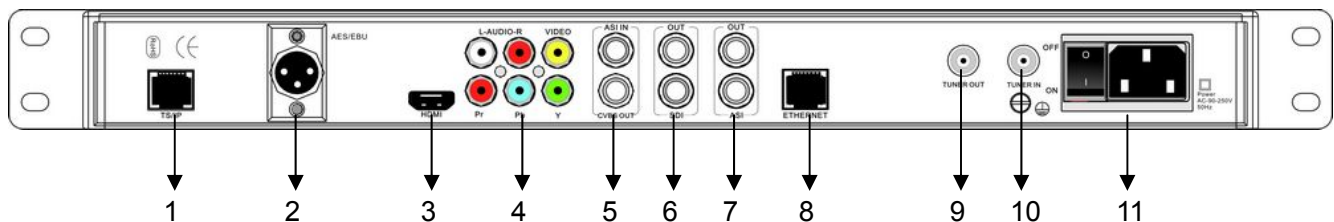
OTD-6000HD H.264 HD/SD Receiver

PRODUCT OVERVIEW

The OTD-6000HD IRD is broadcast quality MPEG-4 AVC video/audio decoder that performs real-time receiving and decoding of HDTV & SDTV over DVB and broadband IP networks. It supports a rich set of input options including DVB-S/S2, DVB-C, DVB-T, DVB-ASI and IP, enabling it to receive and decode programs from different content sources. The output options range from CVBS, YPbPr, HDMI, AES/EBU, DVB-ASI to HD/SD-SDI and IP (Unicast/Multicast/Broadcast), allowing it to integrate with various applications. Controlled and monitored by network management software and front panel, this user friendly decoder is an ideal equipment for signal conversion and distribution.

FEATURES

- Receive 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



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| 1. Optional IP input/output port (RJ45) | 7. 2 ASI outputs |
| 2. AES/EBU digital audio output | 8. RJ45 port for network management |
| 3. HDMI output | 9. LNB loop through output |
| 4. RCA A/V, Component output | 10. DVB-S2 tuner input (DVB-C or DVB-T optional) |
| 5. ASI input & CVBS output (BNC) | 11. Power switch |
| 6. 2 HD/SD-SDI outputs | |

TECHNICAL SPECIFICATIONS

INPUT/OUTPUT INTERFACES

DVB-S/S2 Inputs

- Constellation QPSK, 8PSK
- Symbol Rate 1-45 Mbps
- FEC All ratios compliant with standard
- Signal Level -65~-25dBm

DVB-T Inputs

- Constellation COFDM, 2K & 8 K FTT
- Symbol Rate 0.45-7 Mbps
- Frequency 45 -858 MHz
- Signal level -90~-20 dBuV

DVB-C Inputs

- Constellation QAM (16/32/64/128/256)
- Symbol Rate 3-7 Mbps
- Frequency 50 -862 MHz
- Signal level 32~-105dBuV

DVB-ASI Inputs

- Connector BNC, 75 ohm
- Packet Length 188 & 204 byte packets
- TS Max Bit Rate 72 Mbps

TS/IP Inputs (optional)

- Connector 100/1000Base-T, RJ-45
- Error Correction Pro-MPEG FEC
- Encapsulation Protocol MPEG-2/MPEG-4 TS over UDP & RTP
- Broadcasting type Unicast and Multicast

Video/Audio Outputs

- 2XCVBS outputs (1 BNC, 1 RCA)
- 1X Component output (Y Pb Pr)
- 1X HDMI output (with HDCP, 720p & 1080i)
- 1XAES/EBU digital audio output
- 2XHD/SD-SDI outputs (with embedded digital audio)

DVB-ASI Outputs (2)

- Connector BNC, 75 ohm
- Packet Length 188 byte packets
- TS Max Bit Rate 72 Mbps

TS/IP Outputs (optional)

- Connector 100/1000Base-T, RJ-45
- Error Correction Pro-MPEG FEC
- # of channels Eighth (8)

VIDEO & AUDIO DECODING

Video Decoding

- Decoding Formats: MPEG-2/H.264 SD & HD
- Video Formats: 480i,480p, 576i, 720p, 1080i
- Analog output PAL/NTSC/SECAM

Audio Decoding

- 2 stereo pairs audio decoding
- MPEG-1 and MPEG-2 Layer-I, II

CONDITIONAL ACCESS

- Interface Two independent Common Interface (CI) slots
- CA Methods Multicrypt, Simulcrypt
- CAS supported OmniLynx, Conax, Irdeto, Viaccess, Nagravision, DV-crypt, etc.

PHYSICAL & ENVIRONMENTAL

- Power: AC 90~250V, 50/60Hz, 30W (max)
- Size: 1RU rack mount chassis
- Dimension: 44mmX484mmX274mm
- Weight: 3.7 Kg

CONFIGURATION & MONITORING

- Front panel keyboard and LCD display
- Network Management Software (SNMP support)