

HD IRD - H.264

TS 7200-HD ISDB-T-A



Integrated Receiver Decoder



TS 7200-HD ISDB-T-A

HD IRD - H.264 / TS 7200-HD ISDB-T

Receptor decodificador para sinais digitais no padrão H264 em alta definição (HD), definição padrão (SD) ou no padrão MPEG-2 em definição padrão (SD), voltado ao uso profissional na recepção de TV digital terrestre ISDB-T, com características, performance e confiabilidade compatíveis com normas internacionais. Montado em gabinete padrão 19" totalmente em alumínio e com unidade de refrigeração ativa, é de fácil operação através de display de LCD e teclas no painel frontal. Conta com saídas de vídeo nos formatos HDMI, vídeo componente e vídeo composto, além de áudio balanceado, não balanceado e áudio digital.

*Consultar itens opcionais

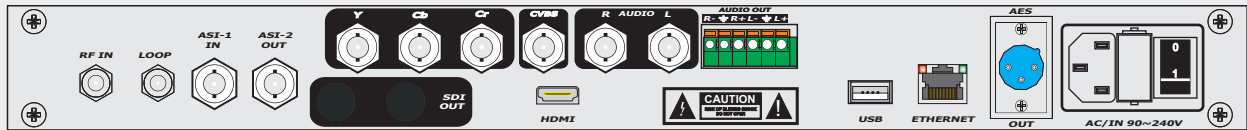
TS 7200-HD ISDB-T / HD IRD - H.264

Integrated Receiver Decoder (IRD) that supports HD/SD H.264 (up to 1080i) and SD MPEG-2 signals, for professional digital terrestrial (ISDB-T), with features, performance and reliability compliant with international standards. It is assembled in a 19" aluminum case, with an active fan unit and a friendly user interface with a front panel keyboard and LCD. It has HDMI, Component and Composite Video outputs, besides analog (balanced and unbalanced) and digital audio outputs.

*Check optional items

DIGITAL

Rear View



Technical Specifications TS 7200-HD ISDB-T-A

Formato de vídeo

MPEG-4 – AVC (HD)

- Perfil: MP@L4, HP@L4
- Máx. vídeo rate: 20 Mbps
- Formato de vídeo: 1080i@59.94Hz / 720p@29.97Hz

MPEG-4 – AVC (SD)

- Perfil: MP@L3
- Máx. vídeo rate: 10 Mbps
- Formato de vídeo: 480i and 576i@59.94Hz

MPEG-2 (HD)

- Perfil: MP@HL
- Máx. vídeo rate: 72 Mbps (MP@HL)
- Formato de vídeo: 1080i@59.94Hz / 720p@29.97Hz

MPEG-2 (SD)

- Perfil: MP@ML
- Máx. vídeo rate: 15 Mbps (MP@ML)
- Formato de vídeo: 480i and 576i@59.94Hz

Formato de áudio

- MPEG-1 – Layer-II audio
- AAC-LC, HE-AAC decode & down-mix

RF Input ISDB-T

- Input frequency: 174 to 806 MHz
- Impedance: 75 Ohms
- RF level: -75 a -20dBm (BER $\leq 2 \times 10^{-4}$ / 64QAM / GI: 1/8 - Mode 3)
- Connector: Type "F" - Female
- Demodulator: OFDM
 - Transmission mode: 2k, 4k, 8k FFT (mode 1, 2, 3)
 - Constellations: DQPSK, QPSK, 16QAM, 64QAM
 - Code rate: 1/2, 2/3, 3/4, 5/6, 7/8
 - Guards intervals: 1/4, 1/8, 1/16, 1/32
- Decod. FEC: Reed-Solomon / Viterbi decoder, for 16 parity bytes, block lengths 204byte, energy dispersal descrambler.
- Symbol rate: 23,234Mbit/s max. (64QAM, CR: 7/8, GI: 1/32, 13 seg.)

Video Output HDMI

- Resolution: 480p@30Hz / 720p@30Hz or 1080i@60Hz
- Screen format: 4:3, 16:9

Component

- Resolution: 480p@29.97Hz / 480i@59.94Hz NTSC / 720p@29.97Hz or 1080i@59.94Hz
- Screen format: 4:3, 16:9
- Connector: Type BNC - Female
- Output level:
 - Y - 1.0Vpp, 75 Ohms
 - Pb - 0.7Vpp, 75 Ohms
 - Pr - 0.7Vpp, 75 Ohms

Ethernet

- Max. Bit Rate: 10/100Mb/s
- Standard: 802.3 100BASE_TX, 10BASE-T
- Connector: RJ-45 with indicator leds

Composite

- Resolution: 480i@59.94Hz
- Screen format: 4:3
- Conector: Type BNC - Female
- Output level: 1Vpp, 75 Ohms

Audio

- Sampling rate: 32 / 44.1 or 48KHz
- Modes: Mono, stereo or dual
- Channels: 2 (L and R)
- Output level: 700mV RMS
- Connector: Type BNC - Female / 10K Ohms (unbal)
- Connector: Type XLR - Female / 600 Ohms (unbal)

Data - USB

- Connector: USB 2.0
- Bit Rate:
 - High-speed 480Mb/s
 - Full-speed 12Mb/s
 - Low-speed 1.5Mb/s

General Features

- Case: Standard 19" - 1 UPB
- Power supply: 90 to 242 VAC - automatic
- Consumption: 15 Watts
- USB interface for firmware updating
- Possibility of adding custom logo in screen (check volume)
- Allows Closed Caption

Optional

- | Front-End | Interface |
|-----------|---------------------------------|
| • ISDB-T | • ASI (IN / OUT) or (OUT / OUT) |

Specifications may change without prior notice, to update the product.