

HD IRD - H.264

TS 7200-HD ISDB-T-A
TS 7200-HD ISDB-T-S



Integrated Receiver Decoder



TS 7200-HD ISDB-T-A
TS 7200-HD ISDB-T-S

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.

Possui ainda saída de TS no formato ASI e saída de vídeo digital com áudio embarcado HD-SDI.

*Consultar itens opcionais

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

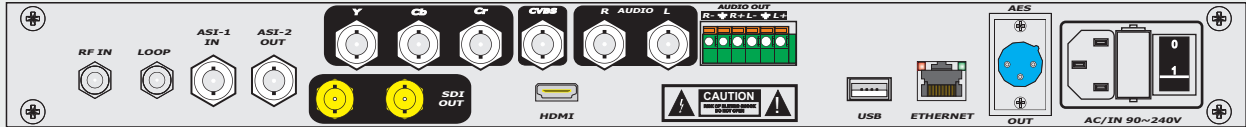
Integrated Receiver Decoder (IRD) that supports HD/SD H.264 (up to 1080i) and SD MPEG-2 signals, for professional digital terrestrial (ISDB-T), with features, performance and reliability compliant with international standards. It is assembled in a 19" aluminum case, with an active fan unit and a friendly 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.

The equipment has additional features such as ASI TS output, digital video output with embedded audio HD-SDI.

*Check optional items

DIGITAL

Rear View



Technical Specifications

TS 7200-HD ISDB-T-A

TS 7200-HD ISDB-T-S

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@59.94 / 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 <= 2x10⁻⁴ / 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

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)

HD-SDI Output (somente para o modelo TS7200-HD ISDB-T-S)

- HD - SDI Standard SMPTE 292M
- Bit Rate 1.485 Gb/s
- Resolution 480i@59.94Hz / 720p@29.97Hz or 1080i@59.94Hz
- Output amplitude 800mVpp
- Connector Type BNC - Female 75 Ohms

Embedded Audio

- Standard SMPTE 299M
- Sampling rate 48kHz
- Digital coding 24-bit

Ethernet

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

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) |
| | • HD-SDI |

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



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