

Encoder H.264 desenvolvido e fabricado no Brasil, a família TS9090 oferece altíssima eficiência na compressão, graças a um algoritmo MPEG-4 AVC/ H.264 otimizado que garante uma ótima qualidade de imagem mesmo com baixas taxas de compressão.

O equipamento ainda conta com a robustez, estabilidade, assistência técnica local de toda linha de produtos Tecsys.



TS 9090

## ENCODER H.264/MPEG-2 / TS9090

Codifica sinais de áudio e vídeo em H.264 gerando fluxo (TS) de saída no padrão ASI (EN50083), compatível com as normas DVB e ISDB-T.

Com um algoritmo de altíssima eficiência permite serviços em alta definição e com alta qualidade com baixas taxas de compressão, permitindo economia em largura de banda, com saída ASI e Ethernet TSolP.

Totalmente configurável e monitorável via IP/ Ethernet, através de uma interface web interna ao equipamento e amigável ao usuário.

\* Consultar itens opcionais

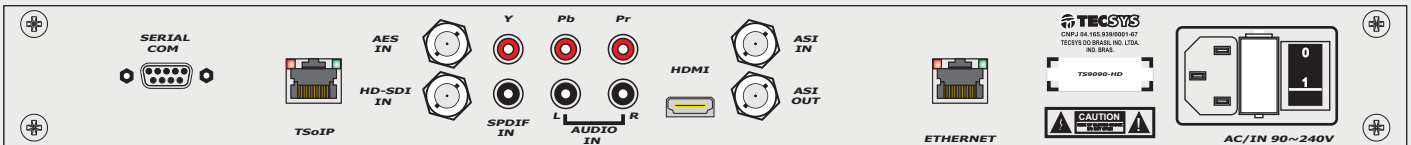
## H.264/MPEG-2 ENCODER / TS9090

Encodes audio and video signals in H.264 generating an output stream (TS) according to ASI (EN50083), compatible with DVB and ISDB-T. Equipped with a highly efficient algorithm provide high resolution and high quality at low bitrates, allowing savings in bandwidth, through ASI output and TSolP Ethernet.

Fully configurable and monitorable via IP / Ethernet, through a user-friendly web interface built in the equipment.

\* Check optional items

# REAR VIEW



## TECHNICAL SPECIFICATIONS OPTIONS

### TS 9090-HD

#### VIDEO

- Compression Main stream HD MPEG-4 AVC/H.264 (MP and HP @ L4.1) and MPEG-2 HD
- Resolution 1280 x 720p, 1920 x 1080i, 1920 x 1080p
- Encoding Bit rate 1.3 to 25 Mbps
- Frame Rates 23.97, 24, 25, 29.97, 30, 50, 59.94, 60 (fps)
- Input HDMI, YPrPb, HD-SDI
- Number of services One HD service

### TS 9090-1seg

#### VIDEO

- Compression Main stream 1seg MPEG-4 AVC/H.264
- Resolution 352x288i, 352x288p, 320x240p, 320x180p, 160x120p, 160x90p
- Encoding Bit rate From 0.25 Mbps
- Frame Rates 5, 10, 15, 24, 29.97, 30(fps)
- Input HDMI, YPrPb, HD-SDI
- Number of services One 1seg service

#### AUDIO

- Number of Channels up to two (02) stereo pairs or SPDIF pass-through
- Input RL RCA, Embedded HD-SDI (32, 44.1, 48KHz), SPDIF, HDMI
- Compression MPEG-1 L2, HE-AAC v1, HE-AAC v2, AAC-LC, AC3-CE\*, AC3-PE\*
- Bit Rate 32 - 384(kbps)

#### OUTPUT

- One ASI (EN50083-9) 188 bytes, 75 Ohms BNC Female connector
- One TSoip (Transport Stream Over Internet Protocol), RJ45 connector

#### MULTIPLEXER

- Managing and inserting DVB/ISDB-T PSI tables: PAT, PMT, SDT and NIT
- Digital Closed Caption Data Packetization (VBI)

#### CONFIGURATION AND MANAGEMENT

- Embedded web-server configuration system
- Front Panel with LCD/keypad

#### GENERAL FEATURES

- Dimensions 19" - 1 RU
- Power Supply 90 to 242 VAC (automatic)
- Consumption less then 75W

### TS 9090-SD

#### VIDEO

- Compression Main stream SD MPEG-4 AVC/H.264 and MPEG-2 SD
- Resolution 720x480i (NTSC), 720x576i (PAL)
- Encoding Bit rate 1.0 to 25 Mbps
- Frame Rates 25 and 29.97 (fps)
- Input HDMI, YPrPb, HD-SDI
- Number of services One SD service

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