

## IT280 – 20 – Channel MPEG-2/H.264 SD Encoder



IT-280, the highest density encoder on the market, supports 20 channels of MPEG-2/H.264 SD encoding within just 1RU chassis, becoming ideal for mass analog-to-digital turn-around development.

IT-280 can also integrate external TS with encoded programs for re-multiplexing and output SPTS/MPTS via IP or ASI interfaces, making it easy to insert and distribute through an existing network. Given its ultra-high density and low power consumption, IT-280 can significantly reduce installation and overall power consumption, saving more long-term operating costs.

### Features

- High density 20 channels of MPEG-2/H.264 SD programs encoding via CVBS inputs.
- Supports different analog TV standards including PAL, NTSC, PAL-N and PAL-M.
- Supports low bit-rate encoding(optional)
- Supports CBR/VBR Encoding and GOP setting.
- Full Audio Encoding: MPEG-1 Layer II, AAC (HE/LC) and AC3 (optional), and Audio Volume adjusting.
- Supports ASI and TSIP I/Q for SPTS/MPTS insertion and digital turn around.
- Re-multiplexing (EPG/EIT re-multiplexing is optional) and grooming.
- Easy management via Web-UI or SNMP.
- Low power consumption and high reliability with MTBF(Mean Time Between Failure) ≥100,000 Hours