

BBright

DECODER

Multichannel Decoder

BBright Decoder is a universal (HEVC / H264 / MPEG2 / J2K) multichannel contribution and monitoring decoder designed for professional Broadcast applications such as for satellite, terrestrial, cable, OTT operators and IPTV networks. With a wide spectrum of codecs and IO formats, BBright Decoder is the ultimate TS to baseband gateway to handle latest IP workflows.



KEY FEATURES

- Up to 8 HD/2 UHD channels decoding in a 1RU
- TS/SRT/RIST input
- SDI/2110 output
- Dolby passthrough decoding
- DD, DD+, E, AC4, ED2
- JPEG-XS encoding on 2110 outputs
- Biss support (CA included)

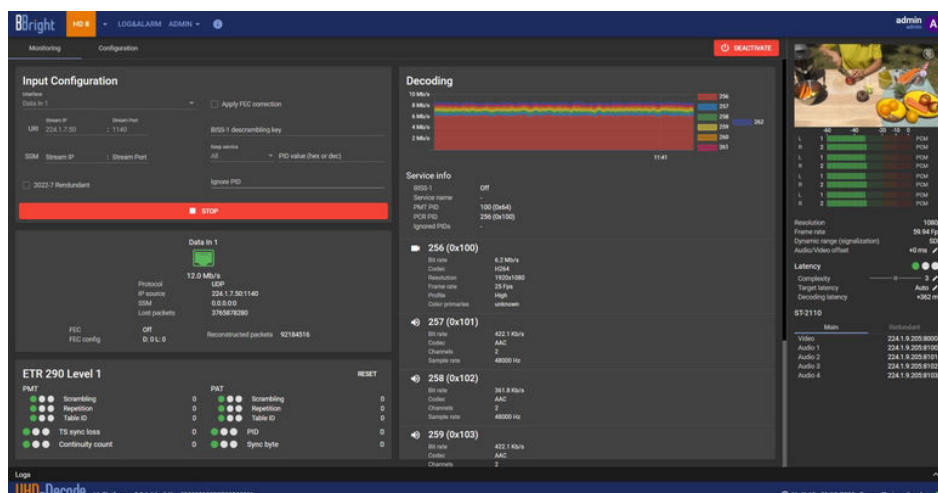
PERFECT FOR

- High bitrate contribution
- Contribution over open/public internet

SPECIFICATIONS

VIDEO	- Multi-Codec support: HEVC / H264 / MPEG2 / JPEG2000 / XS - HEVC/H264/MPEG2 up to 160 Mbps - JPEG2000 Up to 400 Mbps (VSF-TR01) 4:2:0 / 4:2:2, Up to 10bits - Up to 8 HD channels(multi codecs) 25 / 29,97 / 50 / 59.94 fps
AUDIO	- Up to 16 Audio Channels - AAC-LC/HE-AAC v1/v2 /MPEG1/2 LayerII decoding - Dolby DD / DD+ / DD+JOC / E / ED2 / AC4 passthrough - Dolby DD / DD+ / DD+JOC / E / ED2 / AC4 decoding - Audio shuffling
HDR	- HLG / HDR10 - Dolby Vision
METADATA	- CC 608 / 708 passthrough or burnt into video - DVB subtitles & teletext passthrough or burnt into video - ST-12M Time Code, ST-352, ST-2108
INPUTS	- Multicast or Unicast TS over IP on dual Gb Ethernet ports 8x DVB-ASI inputs (HD-BNC) - SPTS or MPTS (PID Filtering) - Input scan - ETR 101-290 levelI input error monitoring - FEC/SMPTE 2022-1/SMPTE 2022-7 - RIST & SRT support - BISS Decryption(Up to BISS-CA)
OUTPUTS	- Up to 8x HD Channels (1080p) / 2x UHD (8x HD-BNC) - UHD over Quad 3G-SDI / 12G-SDI / SMPTE 2110 / HDMI 2.0b - Genlock (SDI) & PTP Support (2110)
CONTROLS	- Intuitive Web UI - Rest API - Presets
CHASSIS	1 RU Chassis 437 mm x 610 mm x 43 mm - Redundant power supplies (hot swappable)

INTUITIVE USER INTERFACE



For ordering information, please contact sales@bbright.com.