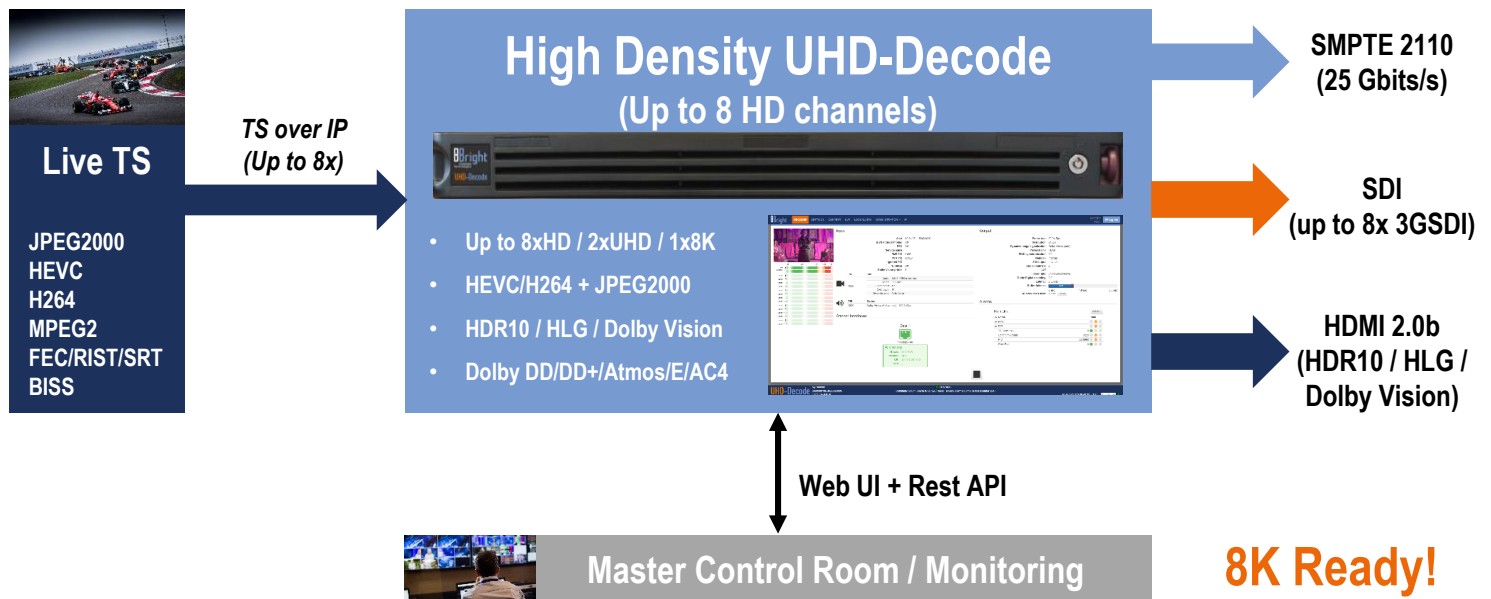


■ Highlights

- ✓ Versatile contribution and monitoring decoder supporting HEVC/H264/MPEG2 and JPEG2000
- ✓ Up to 8 HD Channels or 2 Ultra HD Channels per decoder
- ✓ Multi format outputs with SMPTE 2110 / SDI / HDMI
- ✓ Dolby Atmos and Dolby Vision compatible
- ✓ Low power (25W per channel)



■ Specifications

■ Video:

- ✓ Multi-Codec support: HEVC / H264 / MPEG2 / JPEG2000
- ✓ 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)
- ✓ 50 / 59.94 fps

■ Audio:

- ✓ Up to 16 Audio Channels
- ✓ AAC/HE-AAC/MPEG1 LayerII decoding
- ✓ Dolby DD / DD+ / DD+JOC / E / AC4 passthrough
- ✓ Dolby DD / DD+ / DD+JOC / E / AC4 decoding

■ HDR:

- ✓ HLG / HDR10
- ✓ Dolby Vision
- ✓ HDR -> SDR tone mapping for monitoring

■ Metadata

- ✓ CC 608 / 708 passthrough or burnt into video
- ✓ DVB subtitles & teletext passthrough or burnt into video

■ Inputs:

- ✓ Multicast or Unicast TS over IP on dual Gb Ethernet ports
- ✓ SPTS or MPTS (PID Filtering)
- ✓ Input scan
- ✓ ETR 101-290 level 1 input error monitoring
- ✓ FEC/SMPTE 2022-1
- ✓ Rist & SRT support
- ✓ BISS Decryption (Up to BISS-CA)

■ Outputs:

- ✓ Up to 8x HD Channels (1080p) / 2x UHD / 1x 8K
- ✓ UHD over Quad 3G-SDI / 12G-SDI / SMPTE 2110 / HDMI 2.0b
- ✓ Genlock (SDI) & PTP Support (2110)

■ Controls:

- ✓ Intuitive Web UI
- ✓ Rest API

■ Chassis

- ✓ 1 RU Chassis
- ✓ 437 mm x 610 mm x 43 mm
- ✓ Redundant power supplies (hot swappable)

UHD-Decode / Multichannel J2K / HEVC / AVC Decoder

Markets and Use Cases

- ✓ High Bitrate Contribution
- ✓ High End Monitoring
- ✓ HDR and Advanced Audio validation
- ✓ Broadcast Centers
- ✓ Large Video Infrastructures
- ✓ OB Truck

User Interface

The screenshot displays the 'Decode - Stream' interface. On the left, there is a video preview window showing a stadium scene and a level meter for 16 channels (L, R, C, LFE, Ls, Rs, Ltr, Rtr, Lw, Rl, Lrt, Rrt, Lr, Rr, Lw, Rl). The central area shows input and output stream parameters. The input stream is H.265 video (MPEG-H/HEVC) with PID 413. The output stream is Dolby Atmos (6 channels) with PID 114. The interface also includes an 'Alarms' section with a 'Main Link' table and a 'Buffer fullness' indicator.

Name	State
▲ PMT	●
▲ PAT	●
TS Sync Loss	0 ●
Continuity Count	14 ●
PID	0 ●
Sync Byte	0 ●

Ordering Options

Type	Reference	Description	Compatibility		
Appliances	DEC_UHD_DECODE	UHD-Decode 1xUHD / 4xHD decoding platform. HEVC/AVC. 1RU.	X		
	DEC_UHD_DECODE_2CH	UHD-Decode 2xUHD / 8xHD decoding platform. HEVC/AVC. 1RU.		X	
	DEC_UHD_DECODE_8K	UHD-Decode 8K decoding platform. HEVC/AVC. 1RU.			X
Hardware Options	DEC_4X3GSDI	4x3GSDI output option	X		
	DEC_8X3GSDI	8x3GSDI output option		X	
	DEC_4x12GSDI	4x12GSDI output option			X
	DEC_12GSDI_HDMI	12GSDI + HDMI 2.0b output option	X		
	DEC_DOLBY_VISION	Quad 3GSDI - HDMI Dolby Vision	X		
	DEC_2110	SMPTE 2110 Dual SFP 25Gbits output option	X	X	
Software Options	DEC_FEC	FEC support / SMPTE 2022-1	X	X	X
	DEC_ZIXI	Support for ZIXI input protocol	X	X	X
	DEC_RIST_SRT	Support for RIST/SRT input protocol	X	X	X
	DEC_DOLBY_AUDIO	Dolby DD / DD+ / Atmos / E / AC4 decoding option	X	X	X
	DEC_J2K	Support JPG2000 decoding	X	X	X
	DEC_BISS	BISS 1, 2, E, CA support	X	X	X