



BBright

MONITORING SOLUTION

SRT/RIST/TS/SDI/2110/ASI

Troubleshooting and Monitoring Solution

BBright Monitoring solution is a versatile multichannel monitoring tool and analyser designed for HD / Full HD and Ultra HD video, audio and metadata monitoring. With support for 2110, SDI and TS/SRT/ASI/RIST protocols at the inputs, the BBright Monitoring solution can be deployed in broadcast centers and master control rooms, but can also be used for remote production and remote monitoring of contribution flows.

BBRIGHT MONITORING SOLUTION

Compressed

HEVC
H264
MPEG2

TS over IP/ASI

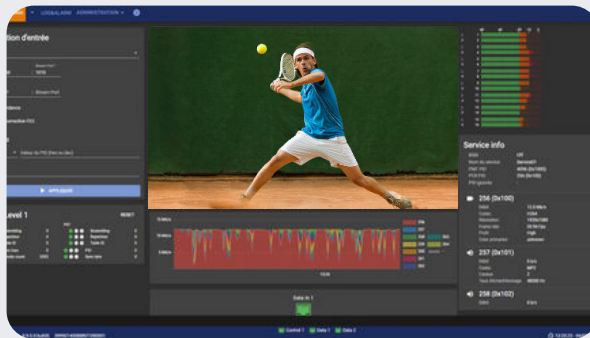
SRT/RIST

1 - N

Baseband

SDI

ST 2110



Web UI + Rest API

NOC
MCR
Broadcast center
OB Trucks



Audio Feedback



KEY FEATURES

- Multiple input configuration (TS, SRT, ASI, SDI, 2110)
- ETR 290 Level 1 (TS)
- Ancillary Data (SDI & 2110)/Metadata
- Audio & HDR Metadata
- Dolby DD/DD+/DD+JOC/E/ED2/AC4
- HD & UHD support
- 4 monitoring display modes
- Appliance or VM

PERFECT FOR

- Audio and Metadata compliance check
- Remote audio & video preview
- QC and troubleshooting
- Advanced Audio Lab Verification

SPECIFICATIONS

VIDEO	<ul style="list-style-type: none"> • TS: Multi-Codec support: HEVC/H264/MPEG2 • HD/Full HD/Ultra HD and HDR ready • 4:2:0/4:2:2, Up to 10bits
AUDIO	<ul style="list-style-type: none"> • Dolby DD/DD+/DD+JOC/E/ED2/AC4 decoding • Dolby Metadata display • Up to 16 Audio Channels per stream • AAC/HE-AAC/MPEG1/ST302
MONITORING	<ul style="list-style-type: none"> • ETR 101-290 level 1 input error monitoring • Video Thumbnails + Audio Bargraphs • Timestamped logs • Bitrate Bargraphs (per PID) • DASH Transcoder included for 1 channel (option)
METADATA	<ul style="list-style-type: none"> • Raw access to all SDI & 2110 Anc. Data • Raw access to all TS Metadata
INPUTS	<ul style="list-style-type: none"> • Multicast or Unicast TS over IP on dual Gb Ethernet ports (RIST/SRT) • SPTS or MPTS (PID Filtering) • FEC/SMPTE 2022-1 • SDI: 8x 3GSDI ports (8xHD or 2xUHD) • 2110: 8xHD or 2xUHD (-20/-30/-31/-40) • 2022-7 seamless redundancy(TS & 2110) • ASI: 8 x ASI ports
OUTPUTS	<ul style="list-style-type: none"> • Video over Web UI (MPEG-DASH, up to 1080p) • Audio streamed over Web UI (selectable stereo pair or downmix)
CONTROLS	<ul style="list-style-type: none"> • Intuitive Web UI • Rest API
CHASSIS (APPLIANCE VERSION)	<ul style="list-style-type: none"> • 1 RU Chassis—Short Depth • 437 mm x 287 mm x 43 mm • 200W PSU
VIRTUAL MACHINE (VM VERSION)	<ul style="list-style-type: none"> • Default: VMWare/ESXI • Other VM formats available on request

INTUITIVE USER INTERFACE



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