

BBright

TS-INGEST

Single channel Transport Stream Ingest

TS-Ingest is a user friendly Ultra HD compressed video ingest station / recorder with monitoring capabilities for professional broadcast applications such as for satellite, terrestrial, cable networks operators, Telco / IPTV services and live TV channels. UHD-TSI supports HEVC, H264, MPEG2 and J2K transport stream IP inputs, either in SD, HD, full-HD or Ultra HD and even 8K, provisionally.



BBRIGHT TS-INGEST

Live TS
JPEG2000
HEVC
H264
MPEG2

TS over IP



Automatic
file export
TS File

Center Storage
NAS

Web UI + Rest API

Master Control Room/
Monitoring

KEY FEATURES

- Single channel
- Manual or scheduler mode
- Chunking mode
- Local storage
- Automatic file export to NAS

PERFECT FOR

- High end contribution recording
- Live events recording for VOD

SPECIFICATIONS

<h2>VIDEO & AUDIO</h2>	<ul style="list-style-type: none"> • Multi-Codec support: HEVC/H264/MPEG2/JPEG2000 • SD, HD, UHD & 8K • Up to 130 Mbps • Video thumbnails and audio bar graphs monitoring • 24/7 recording event scheduler • AAC, HE-AAC (v1 & v2), AAC-LC/MPEG-1 Layer II/PCM • Dolby Digital, Dolby Digital+, Atmos, DolbyAC-4, Dolby E
<h2>TS PROCESSING</h2>	<ul style="list-style-type: none"> • PID filtering • SPTS & MPTS support • Black video and silent audio TS insertion in case of input loss
<h2>CONTROLS</h2>	<ul style="list-style-type: none"> • Intuitive Web UI • Rest API
<h2>INPUTS</h2>	<ul style="list-style-type: none"> • Multicast or Unicast TS over IP on dual Gb Ethernet ports • Redundant Transport Stream Input • SPTS or MPTS (PID Filtering) • ETR 101-290 level1 input error monitoring • FEC/SMPTE 2022-1
<h2>OUTPUTS</h2>	<ul style="list-style-type: none"> • Automatic transfer of recorded files to NAS (CIFS or NFS) • Ingest Files recorded on local storage (RAID5) • Older recordings purge when HDD space becomes required • Automatic export by ftp
<h2>CHASSIS & CONNECTIVITY</h2>	<ul style="list-style-type: none"> • Two IP-bonded GbE ports for GUI control & Rest API • Two independent GbE ports for TSoIP streaming • Two IP-bonded GbEports for Data out / NAS • Redundant power supplies

INTUITIVE USER INTERFACE

The screenshot displays the BBright Recorder web interface. At the top, there is a navigation menu with options like RECORDER, SCHEDULER, CONTENT, SETTINGS, FILE TRANSFER, LOG&ALARM, and ADMINISTRATION. The main content area is divided into several sections:

- Record:** A video player showing a scene with a timestamp of 00:00:38.
- TEST RECORD3:** A detailed view of a recording segment, including start/end times, storage path, TS chunking, black profile, black profile threshold, filtering, FEC, HDR, and codec information for both video and audio.
- Interfaces:** A section showing the status of Data 1 and Data 2 links. Data 1 is the 'Main link' (1000 Mbps Full) and Data 2 is the 'Redundant link' (0 bps). Both show Bitrate, URI, and SSM.
- Alarms:** A section showing the status of Main Link and Redundant Link, including Name, PMT, PAT, TS Sync Loss, Continuity Count, PID, Sync Byte, and RTP Packet Lost.

At the bottom, there is a status bar with 'UHD-TSI' branding, serial number, software version, and server information.

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