



— COMPACT —
VIDEO SERVER

SMS -AV1
SMS-AV1x

SMS-AV1, compact Video Server

SMS-AV1x



COMPACT & COST EFFECTIVE SOLUTION

The **BLT SMS-AV1** advanced Video Server is a next-generation Video Server engineered to empower live broadcast and sports productions with outstanding speed, flexibility, and cost-effectiveness – all while maintaining uncompromised professional quality.

Designed for demanding environments, **SMS-AV1** is a **6-channel** HDTV server that delivers reliable, real-time recording and playout – the ideal solution for live sports, entertainment, and news applications where performance matters. Its professional-grade features and loop-recording capability are essential for these types of productions, particularly in live sports, where every moment is unique and unrepeatable by nature.

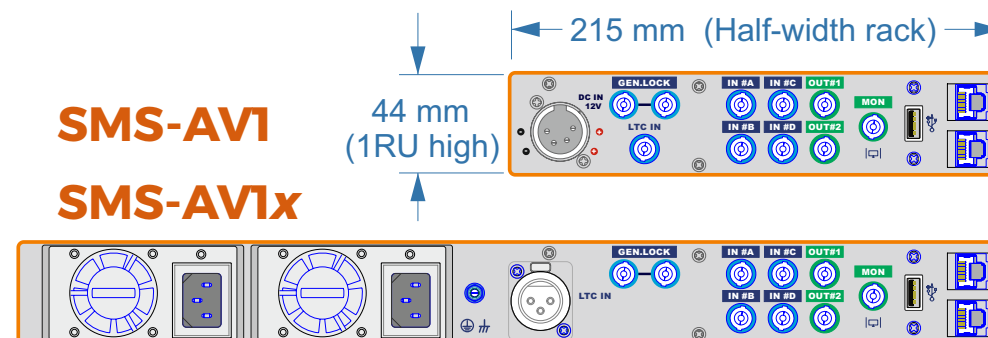
At the heart of the system lies «**Record Tram**», BLT's innovative loop-recording technology. It ensures continuous video capture by automatically overwriting the oldest content in an endless loop – all while safeguarding marked clips in real time. This guarantees uninterrupted operation and secure content handling, giving operators total peace of mind.

COMPACT

The **BLT SMS-AV1**, with its compact chassis and high level of integration, is perfectly suited for space-limited environments like OB vans, mobile production units, and TV studios. It is available in two 1U rack-mountable form factors: the ultra-compact **SMS-AV1** half-rack-width model, and the **SMS-AV1x** full-rack-width version, which offers enhanced features such as a redundant power supply for improved fault tolerance.

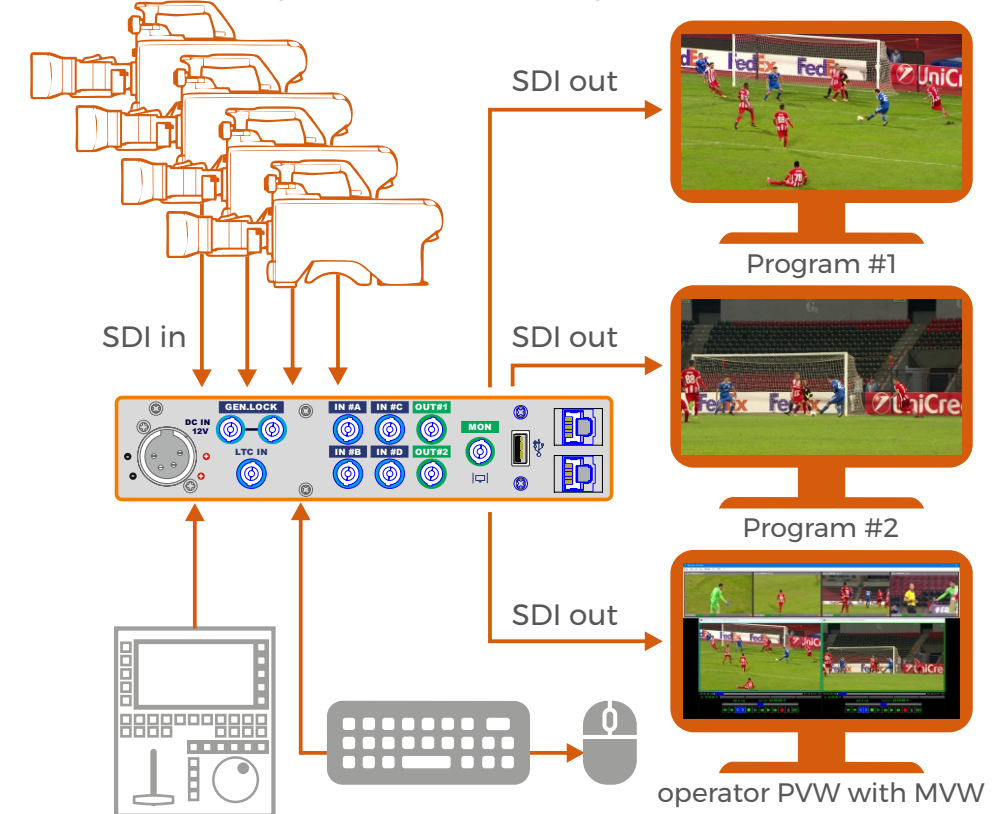
Features and technical specifications

- ✓ **6 channels with flexible configuration** for simultaneous playback while recording: default set-up 4 Rec and 2 Play channels or user-selectable as 6Rec 0 Play, 5Rec 1 Play, 4Rec 2 Play, 3 Rec 3 Play or 2 Rec 4 Play
- ✓ 2 SDI In, 4 SDI In/Out configurable, 1 SDI Out for monitoring
- ✓ User-friendly GUI with Multiview available on a dedicated and independent SDI output
- ✓ Multiformat: HD-SDI and 3G-SDI, HDTV 1080i/1080P, SDTV, 50Hz or 59.94Hz
- ✓ Program/Preview split or Dual Program or Fill & Key modes
- ✓ SDI embedded Audio, up to 16 tracks per Video Channel with Audio router and patch-panel
- ✓ Time Code reference user selectable as: internal, SDI embedded or LTC (BNC on AV1, XLR on AV1x)
- ✓ HFR (High-Frame Rate) with high speed camera support for Super-Slow Motion X2,X3 X4 SSM (up to 200/240 fps)
- ✓ Internal **solid state storage** up to 24 hours total recording capacity with endless recording loop.
- ✓ Replay, slow motion, **Super-Slow Motion** (up to x4), Playlists and High-Lights
- ✓ Playback while recording, recording loop
- ✓ Realtime multiformat file import/export while recording Native Codecs: DNxHD, DNxHR, Apple ProRes, file import/export: DNxHD, DNxHR, Apple ProRes, XDCAM, XAVC, AVC-I, JP2K, H264, wrapper (NLE interoperability): MXF, MOV, MP4
- ✓ Dual 1Gbps LAN : supports link aggregation (teaming) or main/backup failover
- ✓ Plug-and-play with BLT applications for advanced operation such as LED **Live Editor & Delay** and **BLT-Teca** or dedicated BLT Control Panel **RUS** series
- ✓ USB ports for Mouse/KBD and Removable Media/Storage for file exchange/ingest interoperability
- ✓ Low consumption, DC powered (SMS-Av1 only)
- ✓ Dual redundant PSU (SMS-Av1x only)

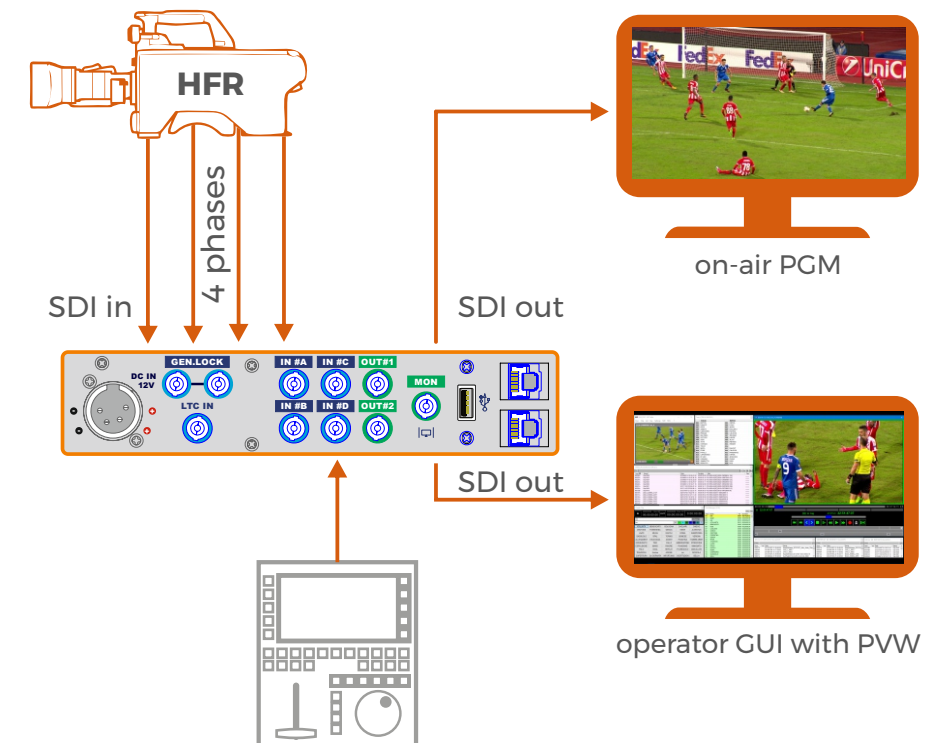


Application examples

ISO Cam recording with dual Program and optional RUS control panel



SuperSlowMotion with High Speed Camera (x4 speed)



Discover our product family



VIDEO SERVERS

BLT video servers are ideal for live and sport events productions, ensuring television directors flexible and efficient tools to capture unforgettable moments.



TRANSCODING

BLT transcode systems rewrap on-the-fly BLT SMS series video server material and live recording, towards third-party production systems for the interoperability and file exchange.



ACQUISITION

BLT acquisition servers are ideal for live and sport events productions, ensuring television directors flexible and efficient tools to capture unforgettable moments.



STORAGE

Togheter with Central Storage, BLT capture system changes the way datas are exported for remote postproduction.



REMOTE CONTROL PANEL

BLT remote panels with integrating Jog wheel, T-bar lever and display offer the complete solution for any production need. The latest generation of BLT panel with embedded workstation further expands the user experience to remote production.



SOFTWARE

BLT softwares APP create systems for management of all operations and complex workflows during mission critical events, such as live, sport, news and entertainment productions.

Our associated



Our ISO certifications



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