



— VIDEO SERVER —

SMS-AV6

SMS-AV6 is multiformat: 4K-UltraHDTV, HDTV, SDTV



TOP LIVE BROADCAST PRODUCTION

The BLT SMS-AV6 advanced video server is designed to meet the most demanding live broadcast production requirements, up to 4K UltraHDTV, suitable for SDI legacy and new generation of IP connectivity, either for studio or for mobile installation (OB Van).

Simultaneous playback while recording with multichannel acquisition, recording loop for endless operation and realtime file export for NLE edit-while-recording and material sharing through high speed LAN network allow SMS-AV6 to satisfy requirement for any kind of TV production, from Sports to Live show, reality to entertainment.

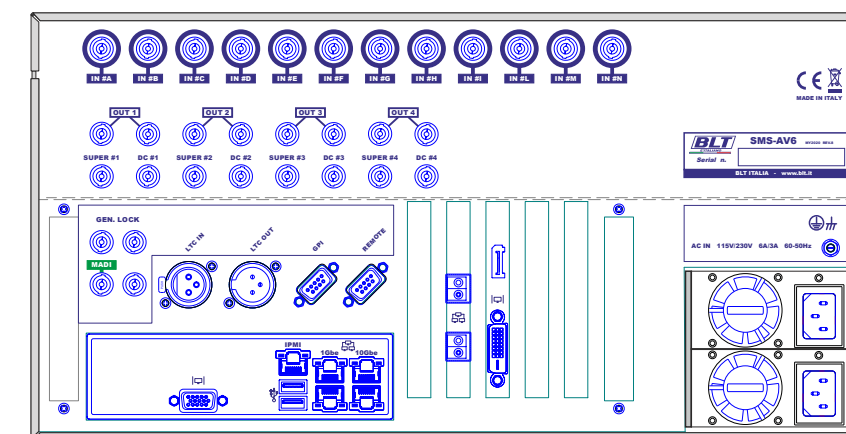


Front access to hot-swap removable SSD tray and
Front access to removable process board for ease of maintenance

Features and technical specifications

- ✓ Modular and scalable designed: grow as you go ranging from 8 to 12 channels through software license
- ✓ Multiformat: 4K UHD TV 2160P, HDTV 1080P/1080i, SDTV, 50/59.94Hz
- ✓ SDI legacy I/O: UHD TV 12G-SDI, HDTV 3G/SDI 1080P, HD-SDI 1080i
- ✓ Ready for latest IP connectivity: SMPTE ST-2110 and ST-2022/7
- ✓ Multi-channel: 4 Rec. and 2 Play UHD TV or 12 Rec and 4 Play HDTV 1080P / 1080i or Flexible Configuration with multiple combinations up to total 16 Channels
- ✓ ISOcam acquisition with recording loop (endless recording) and realtime Clip overwrite protection
- ✓ Playback and real time editing while recording
- ✓ HFR (high frame rate) with high speed camera for X2, X3, X4, X6, X8 SSM (Super-Slow-Motion)
- ✓ Hardware real time codec with intraframe and 4:2:2 color scheme
- ✓ Full 10bit process precision for HDR and SDR operation and Metadata support for transparent handling
- ✓ Multiformat file import/export while recording (NLE interoperability):
 - Codec: DNxHD, DNxHR/LB/HQ/HQX ProRes422/ /LT/HQ, XDCAM, AVC-I, XAVC-300, H264 proxy
 - Wrapper: MXF, MOV with growing file creation for edit while capture/ingest
- ✓ Time code support: LTC, embedded SDI, OSD, SMPTE ST-2110 (IP option)
- ✓ Timebase reference: Gen.lock with Black Burst or trilevel, SMPTE ST-2059-2 PTP (IP option)
- ✓ 16 Audio tracks each Video, SDI embedded audio I/O and MADI input (AES-10, 56/64 tracks)

- ✓ Legacy Audio interfaces (option): 16 discrete tracks as Analog or digital AES-EBU (I/F to be selected at order)
- ✓ AES pass-thru mode for Dolby-E
- ✓ Internal audio router and patch panel (Audio tracks swap)
- ✓ 4 embedded and independent multiviewers, SDI (option)
- ✓ Native interface to BLT hardware control panels (up to 4) RUS Color for live user friendly operation, replay, slowmotion, clip creation, high lights ...
- ✓ Up to 4 BLT control panels for 4 independent operators, each one controlling one playout, or 2 operators with Program/Preview operation
- ✓ Embedded broadcast Live graphics insertion with multi layers and graphic animation player (option)
- ✓ RAID level 5 protected self-contained storage, with removable hot-swap trays
- ✓ Solid state technology storage: 8 sets of SSD with total capacity up to 16TByte (*) and 4 sets of removable tray for SSD/HDD dedicated to file exchange (import/export).
 (*)Total storage time capacity of loop recording at 100Mbps : 300 hours, with standard supplied 8 sets SSD 2TByte each with RAID5 protection scheme. Storage size can be changed at order time function of future SSD models availability or custom request.
- ✓ Separate OS system disk for higher reliability
- ✓ Real time material sharing between units through LAN network connectivity
- ✓ Rich data network connectivity: 2 x LAN 1Gbps, 2 x LAN 10Gbps or 2 x optical 10Gbps SFP+ (option)
- ✓ Ease of maintenance thanks to the front-accessible and removable process boards
- ✓ Rack mount chassis, 5 unit high
- ✓ Dual redundant and hot-swap PSU



SMS-AV6 rear panel with Embedded Audio I/O and optional SDI MVW and optical LAN

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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