



— ACQUISITION SYSTEM —

NUVOLA

NUVOLA, professional acquisition video server



UP TO 4 SIMULTANEOUS LIVE SDI SOURCES

The BLT NUVOLA acquisition video server is designed to meet the most demanding professional media recording and ingesting requirements. NUVOLA is a file creator up to 4 simultaneous live SDI sources either into local removable COTS SSD, USB keys or remote network storages with file flavors at choice: DNxHD/HR, ProRES, AVC-I, XAVC, XDCAM, DVC-PRO, H264 to feed NLE post-productions or archival.

STANDALONE/SCALABLE UNIT

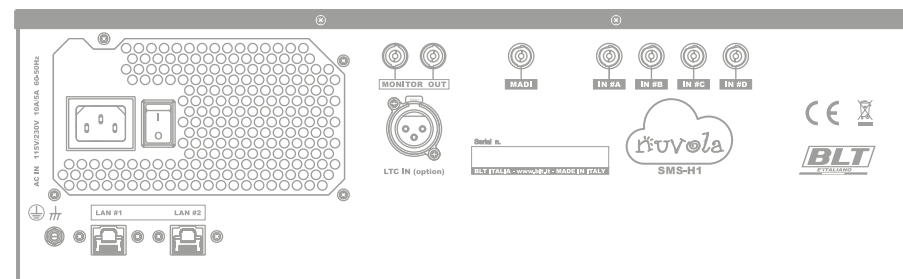
NUVOLA rack mount chassis, 3 unit high, is equipped with 7" large touch screen display and can be operated as a standalone unit locally controlled or networked as part of virtually unlimited NUVOLA cluster for simultaneous ISO-CAM operation, thanks to its unique capability of daisy-chain remote control.

SAMBA OR FTP STREAMING

TEMPESTA is equipped with dual network ports suitable for redundancy (Main & Backup) or aggregation for performance improvement and real time streaming of growing files to SAMBA or FTP destination.

Features and technical specifications

- ✓ User friendly operation with touch screen
- ✓ 7" LCD touch screen display with sources multiviewer and audio level meters
- ✓ Multiformat: 4K UHDTV 2160p, HDTV 1080p/1080i, SDTV, 50/59,94Hz
- ✓ 4 SDI sources ISO-CAM acquisition recording: ganged or independent mode
- ✓ SDI monitor output for plug-and-play operation into broadcast plant. Audio monitor out with Headset.
- ✓ Media destinations: 4 x COTS 2.5" SSD, 20 x USB memory sticks, network storage
- ✓ Network interface: dual LAN 1Gbps with Teaming capability (option 10Gbps RJ45 or optical SFP+)
- ✓ Time code acquisition: XLR LTC or SDI-embedded
- ✓ Unattended operation through scheduling
- ✓ Realtime creation of same file in multiple copy for multiple clients or reliability
- ✓ Growing file creation for edit while ingest with NLE interoperability
- ✓ Multiformat Codec, channel by channel selectable.
Codecs: DNxHD, DNxHR LB/HQ/HQX, ProRes/proxy/LT/HQ, XDCAM, AVC-I, XAVC, DVC-PRO, H264 proxy
Wrappers: MXF, MOV, MP4



Input & output specifications

INPUT SOURCES

4 x SDI (synchronous or not synchronous)

AUDIO SOURCES

SDI-embedded up to 16 tracks each channel or MADI (option)

TIME CODE

LTC through balanced XLR, SDI-embedded, LAN-IP/NTP or internal generator

MONITOR OUTPUT

2 x SDI with embedded audio (2 tracks)

EXTERNAL MEDIA

Networked media with SAMBA access, FTP, Avid-NexisFS

LOCAL REMOVABLE MEDIA

- 4 x COTS 2.5" SSD; 4 sets with 2 TByte capacity each supplied as standard, qualified models list available on request for self-purchase
- 20 x USB keys: USB-3 (pens or memory sticks not included)
Flexible configuration allows realtime multiple copy of same file either to SSD and USB (many combinations) and same source acquisition with multiple file formats

NETWORK

- Dual 1Gbps LAN (10Gbps option through RJ45 or SFP+)
- Network configurations: unit remote control with daisy chain (no switch required)
- Main + backup redundant configuration or aggregated for performance (Teaming)
- Network streaming to SAMBA or FTP destination
- Mixed operation between Local and Networked storage

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



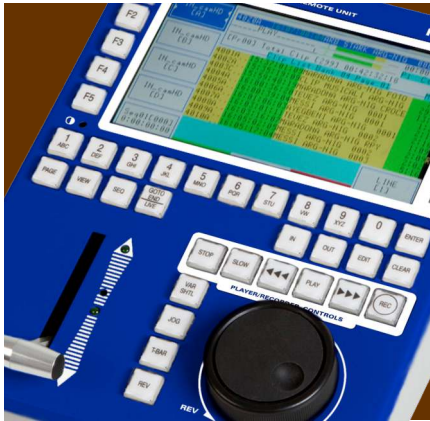
ACQUISITION

BLT acquisition servers are ideal for live and sport events productions and in general for all non-repeatable events, where even a single frame cannot be lost!



STORAGE

Togheter with Central Storage, BLT capture system changes the way data is exported for remote post-production.



REMOTE CONTROL PANEL

BLT remote control panels with integrated Jog dials, 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.



SOFTWARE

BLT software 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



BLT ITALIA SRL | Via F. Rosselli 91 - Lido di Camaiore (LU), 55041 - Italy | Tel. +39 0584 904788 | blt@blt.it - www.blt.it