BLT

ACQUISITION SERVER

TEMPESTA

TEMPESTA, compact acquisition video server

Features and technical specifications

Input & output specifications

UP TO 4 SIMULTANEOUS LIVE SDI SOURCES

The BLT TEMPESTA compact acquisition video server is designed to meet the most demanding professional media recording and ingesting requirements. TEMPESTA is a file creator up to 4 simultaneous live SDI sources either into local storage or remote networked storages with file flavors at choice: XDCAM and H264 (more to be added in near future) to feed NLE post-productions or archival.

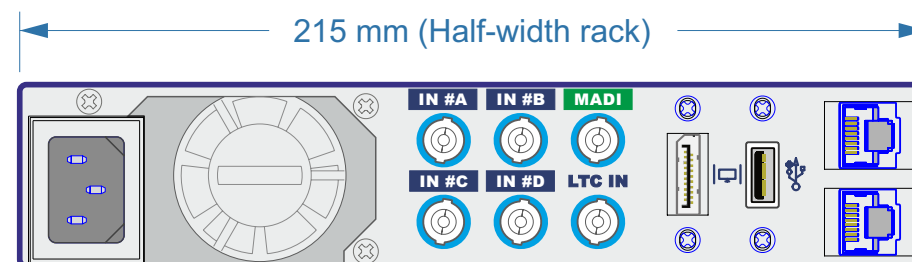## COMPACT UNIT FOR HIGH DENSITING CAPTURE

TEMPESTA chassis is 1 rack unit high and half-width: two sets of TEMPESTA combined together occupying just one rack unit space make a complete 8-channel acquisition System. For large installation requiring multichannel capturing, the TEMPESTA compact size allows for scalable grow without compromising on quality and reliability.

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.

✔ Compact unit: Half-width 1 rack unit high

✔ User friendly operation with intuitive GUI

✔ Multiformat: HDTV 1080p/1080i, SDTV, 50/59,94 Hz

✔ 4 SDI sources ISO-CAM acquisition recording: ganged or independent mode

✔ Monitoring through Display Port or remote APP through network. Audio monitor out with Headset.

✔ Media destinations: internal cache storage or network

✔ Network interface: dual LAN 1Gbps with Teaming capability

✔ Time code acquisition: LTC (BNC) or embedded

✔ Unattended operation through scheduling

✔ Growing file creation for edit while ingest with NLE interoperability

✔ Multiformat Codec, channel by channel selectable. Codecs: XDCAM, H264 HQ and H264 proxy (more to come in near future) Wrappers: MXF, MOV, MP4

215 mm (Half-width rack)

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 unbalanced BNC, SDI-embedded, LAN-IP/NTP or internal generator

GUI MONITOR OUTPUT
DP+, Display Port with HDMI compatibility

EXTERNAL MEDIA
Networked media with SAMBA access, FTP, Avid-NexisFS

LOCAL STORAGE
· Internal SSD storage for buffering and caching to network

NETWORK
· Dual 1Gbps LAN
· Main + backup redundant configuration or aggregated for performance (Teaming)
· Network streaming to SAMBA or FTP destination
· Mixed operation between Internal and Networked storage

BLT

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 interoperabiliy.

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

Design and specification subject to change without notice – January 2022

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