



Main features

- AMP® & VDCP® & REST API control support
- SD / HD / 4K UHD HDR
- SDI & IP (DVB, SMPTE 2022-6/7, SMPTE ST2110) Inputs & Outputs
- Simultaneous multi-resolution & multi-format coding

Features

- Parallel **Encoding** and **Automatic Transcoding**
- Automatic media file downscale and upscale
- **Loop recording** with transparent recovery after the interruption
- **TimeDelay** with confidence output and Asrun control
- Customizable **metadata import tool** (EPG, Conductor, AsRuns, XMLs, ...)
- **Play while recording**
- **Play while transferring**

Options

- Anamorphics (zoom, pan & scan, etc.)
- Audio shuffling
- Logos, texts
- GXF, LXF Support
- Router control

Production Video Server Platform

Thanks to its long experience of broadcast operation and to its perfect mastering of IT and broadcast technologies, Anyware Video has released a solution offering, all the premium channel functionalities, the reliability and the right operational ergonomics, in a compact powerful and cost-effective design.

DubMaster® offers you the possibility to ingest, segment, encode and read SD / HD / 4K capture video contents and to broadcast them in multi-format for your IP and/or SDI feeds in SD, HD or 4K.

- Especially designed for the TV channels and production sites, it is well integrated with the solutions that are already being used in the master control room and handles a set of tasks in the broadcasting process: capture and playout, Time Delay, editing and manual or automatic montage of the programs of your AsRuns (automatic generation and transfers to the telecommunication operator).
- It allows the automatic generation and the streaming of lower-resolution copies (the DASH Technology is used to make automatic proxy files).
- Its parallel multi-encoding and multi-transcoding technologies make DubMaster suit your workflow perfectly.

DubMaster®, a thought for the broadcast firms that want to go beyond the constraints



Anyware Video DUBMaster Configurations

Channel Configurations (SDI or IP)

- DUBMaster 4 reconfigurable SD/HD I/O
- DUBMaster 8 reconfigurable SD/HD I/O
- DUBMaster 1 UHD I/O
- DUBMaster 2 UHD I/O or 4 UHD OUT



On-board Storage Configurations

- 12TB, 24TB, 48TB, 96TB
- * Additional storage available upon request.

Codec/Wrapper Support

Wrappers (codec dependent)

- MXF OP1a
- MP4
- MPG
- MOV
- GXF
- LXF

Proxy

- MP4 H264/AAC

SD (PAL, NTSC)

- DV25, DV50, DVCPro25, DVCPro50
- D10 IMX 30-40-50
- MPEG-2
- H264
- H265

HD (720p50/59.94, 1080i50/59.94, 1080psf23.98, 1080p23.98, 1080p50/59.94)

- DVCProHD
- XDCAM HD
- Avid DNxHD®
- Apple ProRes® 422
- AVC-Intra Class 50/100
- Sony XAVC Intra and Long GOP
- MPEG-2
- H264
- H265 (HEVC)
- JPEG-2000, JPEG2000 lossless
- DPX
- Uncompressed

UHD-1 (up to 60p)

- Avid DNxHR®
- Apple ProRes 422LT-422-422HQ
- Sony XAVC 4K Intra Class 300 and 480 (CBG and VBR)

General Specifications

Video specifications

- SD-SDI: SMPTE 259M, ITU-R601 line component, 10-bit
- HD-SDI: SMPTE 292M, 10-bit
- 3G SDI: SMPTE ST 424M, SMPTE ST 425M-AB, SMPTE ST425-5
- 12G SDI: SMPTE ST 2082, SMPTE ST 2082-12
- IP: DVB, SMPTE 2022-6/7, SMPTE 2110-10/20/21/30/31/40
- 75 Ohms BNC
- ITU-R BT 601 (data and electrical)

Dynamic conversions (inputs & outputs)

- PAL <-> 1080i50, PAL <-> 720p50
- NTSC <-> 1080i59.94, 720p59.94 <-> 1080p59.94
- Aspect ratio: AFD and WSS support for aspect ratio conversion (per channel)

Special Modes

- Graphic, Subtitles, AFD/WSS

Reference Genlock

- Analog blackburst reference (tri-level or bi-level), SDI input as reference or free running mode.
- External termination with LOOP connector
- Flywheel on genlock.

Audio specifications

- Up to 16 audio tracks
- Input: 48 kHz, 16-bit, 20-bit or 24-bits digital audio PCM
- Audio clock genlocked to video reference in accordance with SMPTE 272M and AES11-1997

Compressed audio types

- Any video clip with supported audio format can be played seamlessly back-to-back
- Dolby-E pass-through.

Timecode

- LTC SMPTE 12M timecode

Video Preview

- Streaming Multiviewer for remote preview in a web browser

Redundancy

- Redundant power supplies
- RAID1 for system drives, RAID5/6 for data drivers
- Hot spares drives

Monitoring

- SNMP

Connectivity

- 100/1000/10000 Base-T Ethernet ports

File exchange

- CIFS, SMB, (S)FTP

Connector to External storage

- SAN, NAS

Server

- 2U Rackable unit
- Watchdog

Control

- AMP®
- VDCP
- REST API
- Web interface - Anyware Video All-In-One

www.anywarevideo.com

Headquarters

7, rue de Gènes
13006 Marseille / France
+33 (0) 491 428 856