



Main features

- Full Unicode compliance
- SD, HD and UHD HDR available
- SDR / HDR
- Cloud ready & virtualizable
- SDI & IP (DVB, SMPTE 2022-6/7, SMPTE 2110, RTMP) Inputs & Outputs

Features

- Automation / CG Layout / Editor
- Monitoring & Alarms (hardware & software SNMP Monitoring)
- OnAir Protect
- Review in web client, frame accurate
- Playlist and blocks editors
- On-air Dynamic Branding
- Logos, Crawls, L-Bar, DVE, Dynamic sources, 2D or full 3D with 3Dsmax
- Multichannel & Multi-User Configuration
- MOS connector
- Import and distribution of dynamic messages (RSS, HTML, X, SMS, word, excel, facebook, csv...) with moderation module
- Timeline with key frames
- Interaction/reaction between objects (a new message can display an animation, ...)
- Automatically extract metadata from the playlist (to update a program time, name or thumbnail)

Options

- Automation playlist synchronization
- Chroma keying
- Active redundancy n+m or 1+1

On-Air Graphics Playout 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.

CastGenie is OnAir branding solution dynamic, powerful, reliable now deployed in SD, HD and 4K UHD HDR. It can be easily integrated into any traffic or automation system.

With a set of tools for graphic creation **CastEdit**, playlist creation, It makes your TV graphics easier to manage. The advanced ergonomics of its interface allows a quick grip and allows confidence last minute changes, locally or remotely. Thanks to its flexible network architecture and modular, **CastGenie** adapts to your configuration and allows you to work collaboratively.

Key features :

- Real-time 2D and 3D dynamic OnAir graphics with chroma keying
- IP or BaseBand inputs, supporting quad-SDI or SDI 12G
- Definition of scenario templates
- Import your Adobe Photoshop and 3dsMax projects

CastGenie is designed for automated Graphics operation and monitoring through a web client, ensuring fully distributed architectures with remote operation and system virtualization. This design maintains high performance and security, offering 1+1 or n+1 active redundancy and a complete range of broadcast quality monitoring (SDI, SNMP...).



Anyware Video CastGenie® Configurations

Channel Configurations (SDI and/or IP)

- CastGenie 1 SD/HD I/O
- CastGenie 2 SD/HD I/O
- CastGenie 4 SD/HD I/O
- CastGenie 1 UHD input



On-board Storage Configurations

- 12TB
- 24TB

General Specifications

Video specifications

- SD-SDI: SMPTE 259M, ITU-R601 line component, 10-bit
- HD-SDI: SMPTE 292M, 10-bit
- IP: DVB, SMPTE 2022-6/7, SMPTE 2110-10/20/21/30/31/40
- 75 Ohms BNC
- ITU-R BT 601 (data and electrical)

Monitoring

- SNMP

Redundancy

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

Control

- Web interface - Anyware Video All-In-One including full localization of the user interfaces into English, French, German, Arabic, Spanish, Japanese.

Server

- Rackable unit with redundant power supply
- Watchdog

Timecode

- LTC SMPTE 12M timecode

File exchange

- CIFS, SMB, (S)FTP

Connectivity

- 100/1000/10000 Base-T Ethernet ports

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