



High-Definition Dynamic Digital Signage System with Video Squeeze, HD Clip Payout, and layered 3D Graphics

THE CHYTV GROUP



Features

- Layered page elements include live video, clips, text, graphics and backgrounds
- Full-screen HD clips as animated backgrounds overlaid with dynamic text and graphics.
- Dynamic real-time 3D Text and Graphics
- High-Def via DVI-I. Self adjusts output automatically via EDID.
- Landscape and Portrait display modes
- Squeeze and position live video and clip player windows, including dynamic transitions
- Dynamic broadcast quality effects such as text pushes, fades and crawls
- Animated Text, Graphics and Logos using GIF, TGA, MPEG and more
- Multiple text and graphic zones may be independently sized and positioned
- Page scheduling, including looping durations or specific day, date and time control
- External data interfaces for real-time data updates such as news, sports, stock and weather
- Interfaces with a variety of peripheral devices including RFID, touch screen, contact closure switches, serial control and more.

Powerful HD Video Signage

ChyTV *HD 150*, the latest generation of the popular ChyTV Video Graphics Information Display systems, extends the product line to include High-Definition outputs and clip payout along with live SD video. The *HD 150* gives you full control over each element on the page. You can have a full motion HD clip as a background with layered graphics, text and animations on top, along with a live video window of any size and position, or a variety of other arrangements. Ideal for any large-size digital signage, ChyTV *HD 150* utilizes the same ChyTV Tools utilities to manage the projects and is completely compatible with existing ChyTV units. Like all ChyTV products, the *HD 150* features the highest quality dynamic text and effects, even in Portrait display mode. The *HD 150* also features 3D *dynamic* text and effects, 3D animated objects and more. Unlike pre-rendered clips that can't be modified, the 3D text can be changed on the fly in real-time using live data.

Text and Graphics Image Engine

The ChyTV *HD 150* features an internal MPEG clip player and has the ability to manipulate the video clip either in a window that is surrounded by graphics and text or to superimpose the message over the video background. In addition, full screen graphics can be displayed with dynamic text, logos and animations. A versatile play-list scheduler allows for dynamic programming. The supplied ChyTV Tools user interface allows for direct control of the ChyTV *HD 150*, or multiple ChyTV *HD 150*'s can be added to the ChyTV.net server for automatic remote content updates.

Easy Integration

The ChyTV system is easy to configure in a display system or integrated into an existing HD video infrastructure. The graphic and text information coupled with programmable audio clips may be displayed on a single TV screen or broadcast throughout the facility.

Flexible and Reliable

Standard format animations can be imported from various file types such as MPEG clips, GIF, AVI, TGA sequences, etc. All graphic pages can then be scheduled from a simple, intuitive scheduling interface for either automatic looping or date/time payout. This self-contained device is virtually virus-proof, requires no external computer connection and ensures utmost reliability and ease of use.

Technical Specifications

Video Outputs

Outputs not available simultaneously.
 Number of Outputs 1 HD DVI-I
 1 SD S-Video

Video Inputs

Number of Inputs 3 SD Composite RCA
 1 SD S-Video
Inputs are selectable; one active at a time.

Audio Outputs

Number of Outputs 1 1/8 mini stereo
 1 SPDIF
 1 Line-out
 Number of Inputs 1 Line-in
 1 MIC
 Format low impedance,
 unbalanced stereo

Interfaces

USB USB 2.0
 Ethernet 10/100/1000 BaseT (RJ-45)

Dimensions

1 rack width, 2 RU high
 324 x 90 x 326 (mm)
 12.8" x 3.5" x 12.8"

Internal Power Supply:

Built-in 120W DC power board

External AC Adapter: 120 Watts (For P4 motherboards):

Input 100~240 VAC
 Output 19VDC@6.32A

Models

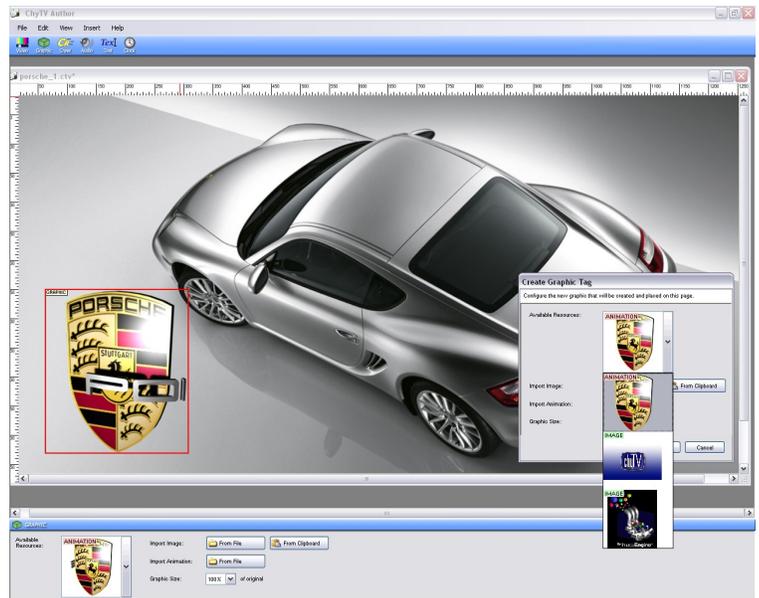
ChyTV-HD150 Part #
 7A00343

Software

- **ChyTV Author** – WYSIWYG content authoring and management tool. Supports the following formats:
 Fonts: Any TrueType and OpenType
 Images: PNG, JPG, GIF, TIFF, TGA, BMP
 Video: MPG2, MPG4, MOV, AVI, QuickTime
- **ChyTV Tools** – User interface for control and content management
- **ChyTV Elements** – Page Creation and Template Add-in for PowerPoint (included)
- **ChyTV Dynamo** – Animation and Image conversion tool for ChyTV Flipbooks and Logos (optional). Supports: TIF, TGA, JPG and PNG image sequences.



ChyTV HD 150



ChyTV Author Editing Interface

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