

High-Definition Dynamic Digital Signage System with Clip Payout, 3D Text and Objects and Portrait Mode

THE CHYTV GROUP



Powerful HD Digital Signage

ChyTV HD 100, the latest generation of the popular ChyTV Video Graphics Information Display systems, extends the product line to include High-Definition outputs and clip payout. Ideal for any large-size digital signage, ChyTV HD 100 utilizes the familiar ChyTV Tools utility to manage the projects and is completely compatible with existing ChyTV units. Like all ChyTV products, the HD 100 features the highest quality dynamic text and effects, even in Portrait display mode. The HD 100 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 100 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 multiple ChyTV HD 100 units. Or, multiple ChyTV HD 100's can be added to the ChyTV.net network 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. Easy and intuitive content creation, scheduling, distribution and display of graphic content to flat panel and television monitors is possible with ChyTV's dynamic display controller.

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. Content is transferred to ChyTV via IEEE 1394 Firewire or Ethernet connection. This self-contained device is virtually virus-proof, requires no external computer connection and ensures utmost reliability and ease of use.

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 Text and Graphics
- High-Def via DVI-I. Self adjusts output automatically via EDID
- Landscape and Portrait display modes
- Squeeze and position clip player window, including dynamic transitions
- Create graphic and text pages using standard applications or supplied templates
- 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
- Scalable from individual use to large-scale enterprise networks

Technical Specifications

Video Outputs

Outputs not available simultaneously.

Number of Outputs 1 HD DVI-I
 1 SD S-Video

Video Inputs

None

For Video Input see HD 150.

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

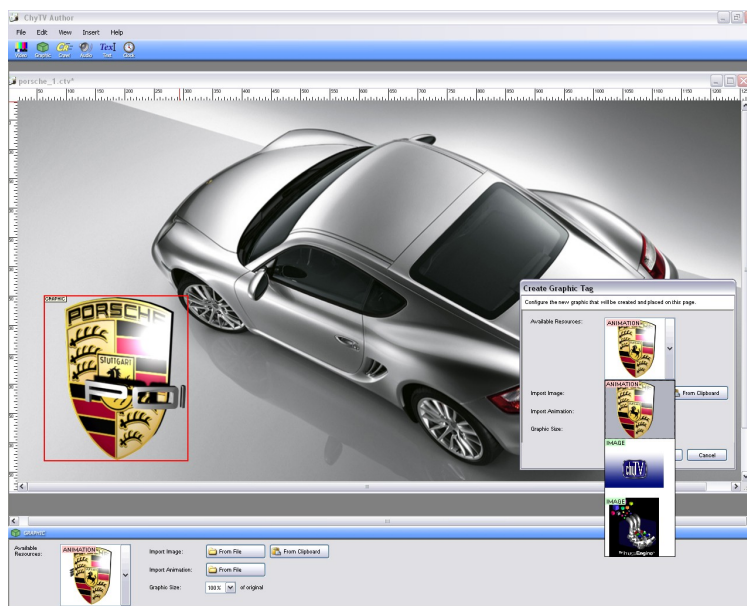
ChyTV-HD100 Part #
 7A00342

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 100



ChyTV Author Editing Interface

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