High-Definition Alert Graphics System with HD Analog and HD-SDI Video Overlay, Crawls and Remote Alert Generation

Features

- Initiate Remote Alerts from anywhere including remote office or even home.

- Live full-screen HD Input with text and graphic overlay. Various HD video formats including HD-SDI.

- 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

- Squeeze and position 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.

Remotely Automated Alert System

Ideal for PEG Channel (Public, Education, Government) emergency notification, the ChyTV *HD Alert* is a powerful and affordable high-definition broadcast quality graphics system designed to enable deployment of simple and efficient custom emergency alert information. ChyTV *HD Alert* supports a variety of SD, HD and HD-SDI formats and lets you pass through your normal programming while monitoring for external text-file based emergency information. If a designated text file shows up in a 'watched' folder, the ChyTV *HD Alert* system grabs the text information from the file, displays an appropriate overlay graphic on top of the live programming, and displays the text information in the file using high quality broadcast effects such as crawls, pushes, fades, etc. When the text file goes away, the alert message goes away. Nothing could be simpler or more efficient. The alert can easily be generated remotely by any authority and requires no graphics or operational skill or training.

Hardware To Suit You Needs

The ChyTV *HD Alert* system can be ordered in a Desktop tower chassis as well as a more industrial 3 RU rack-mount chassis with redundant power supplies. Both support a variety of video Input / Output standards, including HD-SDI, HDMI, analog component, S-Video, composite video, channels of AES/EBU audio and 4 channels of balanced analog audio in and out. You also get a down converted SD output.

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 playout. This self-contained device is virtually virus-proof, requires no external computer connection and ensures utmost reliability and ease of use.

Some of the many uses include Local Community Announcements, Local Weather, Community Advertising, Town Meeting Announcements, Agendas and Minutes, Public Service Announcements and Emergency Alerts.

www.ChyTV.com

Technical Specifications

Video Outputs
Outputs not available simultaneously.
Digital:
  HD HDMI
  HD/SD SDI (BNC)
Analog:
  HD/SD Composite, Component via Breakout Cable

Video Inputs
Digital:
  HD HDMI
  HD/SD SDI (BNC)
Analog:
  HD/SD Composite, Component via Breakout Cable

Video Formats
  525, 625, 720p, 1080i

Audio Outputs
Number of Outputs   1 HDMI In
                      1 Line-out
Number of Inputs   1 HDMI In
                      1 Line-in

Interfaces
USB   USB 2.0, 3.0
Ethernet   10/100/1000 BaseT (RJ-45)

Tower Chassis
Weight   15.5 lbs
Dimensions   H x W x D
                      387 x 175 x 356 (mm)
                      15.25" x 6.9" x 14.0"
Power Supply: ATX12V 585W

Rack Chassis
Weight   46 lbs
Dimensions   H x W x D
                      482 x 133 x 640 (mm)
                      19" x 5.25" x 25.2"
Power Supply: 80 PLUS EPS-12V 500W Mini
                      Redundant Power Supply

Models	Part #
ChyTV HD Alert Tower Chassis	7A00346
ChyTV HD Alert Rack Chassis	7A00346-RK

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 Alert
(Tower Chassis Shown)

ChyTV HD Alert
(Rack Chassis Shown)

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DIGIT SIGNAGE TECHNOLOGIES CORP.
EASY TO USE, HARD TO IGNORE.