



High-Performance, Low-Cost Video Graphics and Information Alert System for Public-space Television, Video Displays, CATV and CCTV Surveillance Systems

THE CHYTV GROUP



Emergency and Security Alert Video Messages

ChyAlert, based on the ChyTV Video Graphics Information Display system, is a unique product that adds Alert messages to any video source. It is a specialized video appliance designed specifically for automated and/or manual display of emergency and security alert graphic, text and audio in a video distribution display or CATV systems. As a self-contained device, ChyAlert integrates a video source along with a locally generated message. These messages can be standardized or customized for specific applications or situations. Dynamic text elements can be derived from secure data or updated in real-time, either locally or remotely. Secure Software applications allow preset messages to be displayed or control by authorities to update and alter content.

Secure and Reliable

ChyAlert is a solid-state appliance that can be stand-alone or networked. Based on a proprietary hardware platform, ChyTV is impervious to computer based viruses, worms or operating system failure. All content is stored on non-volatile compact flash that can be securely updated and changed by authorized operators. Interfaces from Fire and Burglar Alarm Systems, Access Control Systems or manual overrides from authorized Security, Police, etc. assure up-to-date and real time information.

ChyAlert Tools

Based on the ChyTV Tools user interface, ChyAlert Tools adds a secure password protected access level. In addition, there is a simplified interface with alert page to be selected from a local or remote pc and an interface with listing of all networked ChyAlert Units with description to control one ChyAlert or groups of ChyAlert units. A pop-up window allows authorities to change text for selected messages.

CATV / Public Space TV Message System

Multi-channel ChyAlert systems are ideal for emergency and security alerts, information and video messaging in Hotels, Hospitals, Universities, Buildings, Transportation Centers and Government facilities.

Features

- Create graphic and text pages using standard applications or supplied templates
- Squeeze and position live video window, including dynamic transitions
- Dynamic broadcast quality effects such as text pushes, fades and crawls
- Animated Text, Graphics and Logos using GIF, PNG, TGA, image sequences and more
- Multiple text and graphic zones may be independently sized and positioned
- Play audio WAV files with incoming audio
- Page scheduling, including looping durations or specific day, date and time control
- USB and Ethernet external data interfaces for real-time data updates such as news, sports, stock and weather
- Compact, stand-alone system for optimum reliability
- SanDisk® compact flash media slot
- External video bypass
- Scalable from individual use to large-scale enterprise networks





ChyAlert

Video Emergency and Security Alert Display

Technical Specifications

Video Inputs/Outputs

Number of Inputs
Number of Outputs
Type
Impedance
Format

Per Channel:

1 CVBS
1 CVBS
RCA
75 ohms
1 volt p-p CVBS,
525 (NTSC) or 625 (PAL)

Audio Inputs/Outputs

Number of Inputs
Number of Outputs
Type
Impedance
Format

Per Channel:

1 (R/L) Analog stereo
1 (R/L) Analog stereo
RCA
low impedance
Analog stereo

Media I/O

Compact Flash

1 Rear External Slot

Supports 32MB-256MB
SanDisk

Interfaces (choice of USB or Ethernet)

USB
Ethernet

USB 1.1
10/100 BaseT

Models

ChyTV-USB
ChyTV-IP

USB version
Ethernet version

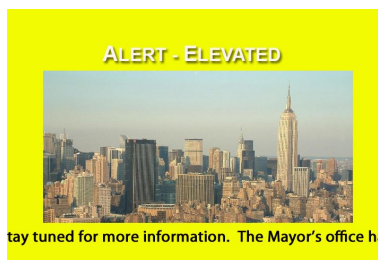
Dimensions

Height
Width
Depth
Weight

4.4cm/1.72"
19.1cm/7.5"
12.7cm/11.5"
0.45kg/1lb.



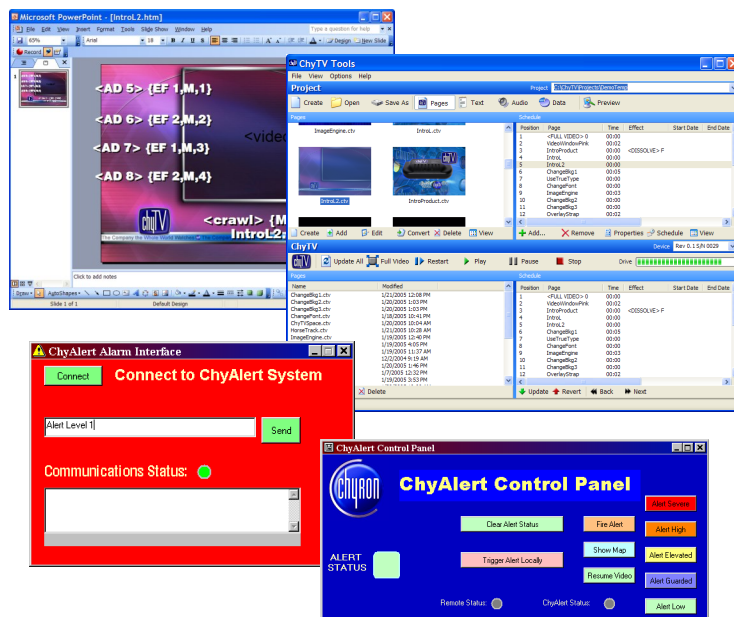
ChyAlert Back Panel



ChyAlert Output Samples

Applications

- Weather Advisories – Hurricane, Tornado, Thunder Storm, Blizzard
- Emergency Instructions – Fire, Medical, Accidents, Earthquakes, Tsunami
- Disaster Relief – FEMA, Red Cross Information
- Security Alert – Homeland Security, Police and Military Information
- Amber Alerts – Missing Persons
- Video Messaging Systems CCTV / Surveillance add identification data from access control to video camera display.



ChyTV Tools / ChyAlert Interfaces

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Subject to Change

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