



# On Air. In the Air. Show Your Story

ChyronHego offers the most innovative broadcast graphics solutions and services to the community of professionals who create, manage and distribute media content. Our graphics creation, playout, and real-time data visualization solutions are the standard around the world.

*This is ChyronHego.*

## ON-THE-FLY LIVE GRAPHICS

Make your live aerial coverage fly high with telestration straight from the chopper. ChyronHego's HeliPaint leverages our advanced sports telestration and tracking technology to provide your helicopter-borne reporter with innovative, easy-to-use tools that enhance your news and breaking news coverage.

HeliPaint has a streamlined interface specifically designed for use in a chopper, displaying only the illustration tools necessary for your coverage. Large icons make tool selection simple and easy in a moving environment, on a high-visibility LCD touch screen that can be viewed even in bright sunlight.

Telestration can be performed over a live feed or still freezes. HeliPaint's story-enhancing tools can be customized in color and style to match your station's look, and ChyronHego's real-time image-tracking engine can lock



graphics in place, even as the camera moves.

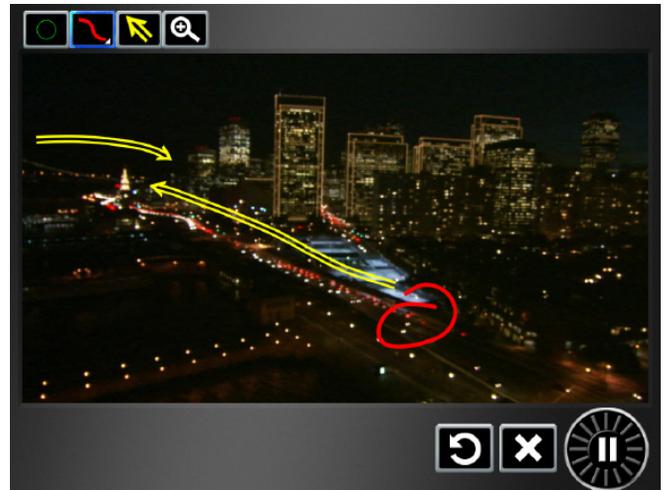
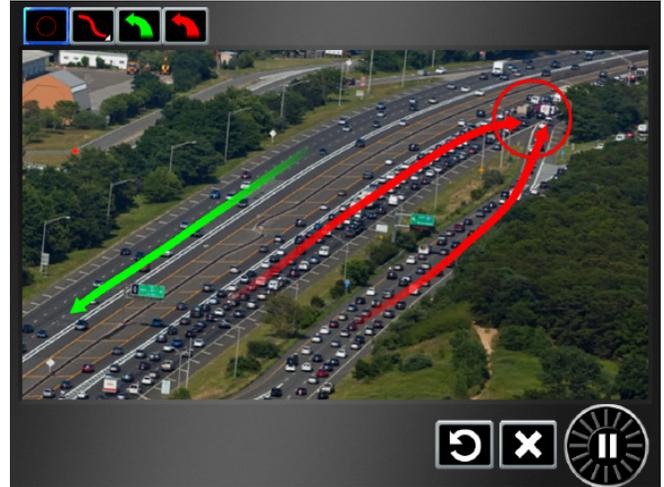
Space and electrical power are at a premium in a chopper. HeliPaint is compact and lightweight. Mobile processing enables the system to consume minimal power from a 12V source, with no AC required.

HeliPaint's rugged chassis and specialized touch screen have been vibration-tested to withstand the rigors of flight.

HeliPaint's small footprint is matched by its price, providing an economical, high-visibility presentation tool that is a perfect fit for tight spaces and budgets.

## KEY FEATURES

- A dedicated news telestrator designed for chopper coverage.
- Easy-to-use interface for reporting in a fast-moving environment.
- Advanced image-tracking locks telestration graphics in place.
- High-visibility LCD screen is easy to see even in bright sunlight.
- Small footprint saves space.
- Rugged and vibration-tested.
- Minimal 12V power consumption, no AC required.



**CUSTOM, EASY-TO-USE TOOLS**

Any four tools from HeliPaint's vast library of free-hand tools, cursors, lines, magnifiers, spotlights and more, can be customized with your station's look.

**TELESTRATE LIVE OR OVER FREEZE-FRAME**

HeliPaint provides the flexibility to telestrate over a live stream and to freeze a frame on the fly for more detailed telestration.

**TRACK OBJECTS EVEN WHEN MOVING**

Your telestration stays in place with HeliPaint's advanced image-tracking technology, even as the camera moves.



## OVERVIEW

The HeliPaint system includes a 1 RU Rack Mount Industrial Computer and a High-Visibility Vehicle/Marine LCD Touch Screen.

## INPUTS/OUTPUTS

### HeliPaint

Input: 1 x SDI Video In

Output: 1 x SDI Output

Type: All BNC for SDI input and output

Impedance: 75Ω

Output to Touch Screen: DVI

### LCD Touch Screen

Input: DVI

Control: USB

## VIDEO FORMATS

SD 576i 50Hz 16:9/4:3 (PAL)

SD 486i 59.94 Hz 16:9/4:3 (NTSC)

HD 720p 50/59.94 Hz 16:9

HD 1080i 50/59.94 Hz 16:9

HD 1080p 50/59.94 Hz 16:9

## POWER

### Chassis

12V DC power supply requiring direct screw terminal

LCD with Touch Overlay

8-36V DC input, protective vehicle power supply

## DIMENSIONS

### Chassis

The system chassis fits in a standard 19 in. rack.

Height: 1 RU; 4.45 cm/1.75 in.

Width: 48.26 cm/19 in.

Depth: 29.97 cm/11.8 in.

Weight: 4.67 kg/10.3 lbs.

### LCD with Touch Overlay

The unit is installed using a universal mounting bracket compatible with a 75mm VESA mount.

Screen: 25.65 cm/10.1 in.

Height: 18.43 cm/7.26 in.

Width: 24.7 cm/9.72 in.

Depth: 3.0 cm/1.18 in.

Weight: 1 kg/2.2 lbs.

## BASE SYSTEM CONFIGURATION

Microsoft® Windows® 7 Professional 64-bit OS

Intel® Core i7 2.4GHz Mobile Processor or better

NVIDIA® GeForce GT 610M GPU or better

4GB RAM

64GB SATA SSD

Dual 10/100/1000 Gigabit LAN

## TOUCH SCREEN SPECIFICATIONS

High Visibility rugged resistive touch screen display with a native resolution of 1024x768. Comes with a universal mounting bracket. Compatible with 75mm VESA mounts.

## ADDITIONAL FEATURES

### HeliPaint High-Visibility Vehicle/Marine LCD with Touch Overlay

A specialized display that can be viewed in bright sunlight and withstands flight vibration.

### Realtime Image Tracking

Internal, real-time, image-tracking that enables graphics to stay tied to an object on the ground, even as the camera moves.

Contact ChyronHego Sales and  
schedule a demonstration today @

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