

# SCOPE

produced by Videoscope

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Moot Court  
University of Western Ontario, Faculty of Law  
London, Ontario



## IN THIS ISSUE

The Invisible Studio.....	1-2
Digital Signage: The Cost Effective Advantage.....	2
The New Look of Staging.....	3
A New Benchmark of the Digital Video World: Sony's New 1080i HDV Has Arrived.....	4
Contacting Us .....	4

## The Invisible Studio

The Moot Court Room at the University of Western Ontario's Faculty of Law is a classroom, but it is specially designed like a courtroom so law students can practice mock trials. The Moot Court is so important to the Law Faculty that they were recently granted special funding to add technology to improve its function.

One of the main considerations for the room was preserving its existing aesthetic appeal and simplicity while adding new technology to meet the following requirements:

- Multiple camera views to show the advocates, judge and witnesses.

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- The ability for students to see the faces and gestures of the advocates (who normally have their backs turned to the gallery when facing the judge's bench).
- Audio for each of the advocates, witnesses and judges.
- Record and save all camera views.
- The ability to play back video and audio through a projector to the main screen and room speakers for review with the students.
- Wireless control so the instructor can be anywhere in the room.
- The option to play VHS and copy DVDs to VHS for low-tech distribution.
- The ability to use a laptop and document viewer for regular teaching presentations and guest speakers.
- Secure mounts and locked equipment areas.

- Provisions for videoconferencing and streaming lectures.
- Technology hidden to preserve the aesthetic appeal of the room.

Videoscope took on the challenge, installing cameras and then cabling them to feed screens facing the audience, to show proceedings from the judge's point of view. At the same time, the video is recorded directly to DVD with a time index control that gives the flexibility required for teaching. Seven wireless microphones capture audio from each participant to feed the speakers and the DVDs.

Videoscope met the first ten requirements. Did we succeed in preserving the Moot Court's courtroom appeal? Judge for yourself. We present the evidence.

## Digital Signage: The Cost Effective Advantage

Videoscope recently installed digital signage systems at several Bell World locations. These systems give Bell unique advantages over traditional signboards.

"Digital signage" refers to electronically controlled signs. The great advantage, apart from looking stunning, is that the signs can be easily updated without the expense and bother of changing the physical sign. A second advantage is that the changes can be made through IP (internet protocol) without the need to go on site. For example, a weather display could be updated hourly, and major content uploaded every night – all remotely and (if you like) automatically. Which leads us to a third advantage: material prepared at a central location can be distributed quickly and inexpensively through the internet to any number of stores.

Digital displays can take the form of scrolling message boards, plasma, LCD and projection screens. Bell chose Sony plasma and LCD displays for the Bell World locations.

Retailers are increasingly using digital displays to play commercials and eye-catching videos to enhance the shopping experience. They can turn shoppers into buyers.

For your digital signage needs, contact Mike Spear at 416.449.3030 ext. 247 or by e-mail at [mspear@videoscope.com](mailto:mspear@videoscope.com)



Digital Signage installed  
by Videoscope



Bell World at Yorkdale Mall in Toronto

# The New Look of Staging



*All Managers Conference for a Major Retailer  
Queen Elizabeth Theatre in the Queen Elizabeth Building  
CNE Grounds in Toronto, November 2004*

## How do they create those amazing sweeping images?

### SHORT ANSWER:

Edge Blending

### THE RECIPE:

Start with a custom-made wide-screen background graphic and an IBM multi-head graphics computer to feed the projectors

### ADD:

Three Barco G5 performance projectors  
A 12 x 36 foot seamless rear screen

### MIX TOGETHER USING:

- The Folsom Blendpro to blend the three projected sources into one completely seamless image
- The Folsom 1604 Graphics Switcher to open windows over the background for video, PowerPoint, Image Magnification, or all three at once

### TOP IT OFF WITH:

Digital Betacam playback for video quality to match the event  
Meyer Sound System for earth shaking audio

### TURN-KEY SOLUTION:

Call **Videoscope**.

The complete **Folsom Widescreen System** is available, with screens up to 60 feet wide.

Rental & Sales

Broadcast Video

Audio Visual Equipment

Professional Video Cameras

Professional Video Tape

Computer Projection

Staging

System Integration

Technical Support Services

Multi-Media for Boardroom  
and Commercial Installations

Webcasting

Contact us at  
[sales@videoscope.com](mailto:sales@videoscope.com)  
for sales or rental details.

Check out our  
Website!

Visit us at [www.videoscope.com](http://www.videoscope.com).  
Check out our new service offerings.  
See what we can do for you.



# A New Benchmark of the Digital Video World: Sony's New 1080i HDV Has Arrived

Sony of Canada has just announced the arrival of a new professional high-resolution digital video format: HDV 1080i. Based on the initial response of professional users at the recent Sony Workflow Tour, HDV 1080i is on its way to being the "New Benchmark of the Digital Video World."

Building on the current world standard for documentaries and independent filmmakers, Sony (together with JVC, Canon and Sharp) has formulated an ingenious way to record 1080i high-resolution video onto a 25 Mbps bit-stream. Yes, that is the same data rate as the familiar DV and DVCAM. Now, we can finally offer the same HDTV quality pictures as the broadcast community, with a much improved cost-performance ratio.

How did Sony do this? First, by employing three newly developed 1/3" 16:9 Super HAD CCDs, each with 1.12 million pixels, and a Carl Zeiss lens, the quality of pictures is guaranteed. Second, by utilizing another well-proven technology, MPEG-2, Sony has been able to efficiently compress 1080 lines of resolution into 25 Mbps. This means that we can produce HD quality pictures via iLink (firewire) on standard DV and DVCAM tapes.

The first wave of available products includes the Sony HVR-Z1U Camcorder and the Sony HVR-M10U VTR.



*Sony HVR-Z1U Camcorder.*

There are numerous new features provided by these products including:

- HDV 1080i / NTSC / PAL record and playback
- 16:9 / 4:3 switchable
- 12X Carl Zeiss Vario-Sonnar T\* Lens
- Large 3.5" 16:9 Hybrid LCD display, located centrally on the handle
- SMPTE time code (DF / NDF)
- 2 colour bar patterns
- Balanced audio inputs w/ selectable phantom power
- Built-in HD to SD down-conversion
- CineFrame and Cinetone functions for cinema-like recording (25F/30F/24F) with 3:2 Pulldown built-in
- Analog 1080i (Y/Pr/Pb) output
- iLink / S-video / composite video w/stereo audio outputs
- Over 5.5 hours of operation on a single Sony NP-F970 battery pack



*Sony HVR-M10U VTR.*

Contact us at Videoscope for a hands-on demonstration.



SONY

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