

# HERO



## Laptop System



### The Full Power of Event Recording in a Compact, Portable System

Hartness Event Recording Online (HERO) is a video monitoring system designed to continuously record error-prone production areas. When a fault occurs, video surrounding the event is saved to a video log where users can play back the event at various speeds. The saved video offers quick insight into the root cause of faults, significantly reducing the amount of time spent troubleshooting any given problem.

HERO's new Laptop System makes it possible to take this video monitoring capability with you anywhere. Consolidated into a rugged, portable carry-all case, the HERO Laptop System is available with one or two high-speed cameras and comes complete with lighting and mounting kits. OEMs and service technicians can transport it with ease and set it up within minutes. After diagnosing machinery using HERO, they can leave the customer site feeling confident that the problem has been solved.

#### BENEFITS

- ▶ Reduces on-site service time
- ▶ Pinpoints problems faster, reducing mean time to repair
- ▶ Speeds equipment start-ups
- ▶ Captures video in hard-to-see and high-speed environments
- ▶ Assures maximum portability, minimum set-up time — ideal for OEMs and service technicians

**HERO**  
Hartness Event Recording Online



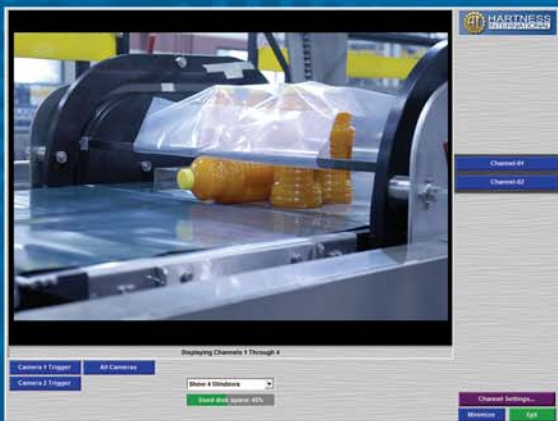
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OEMs and service technicians face unique challenges when installing, testing, and servicing equipment. Customers expect a quick and accurate analysis of the problems they are experiencing and, once a solution is implemented, a guarantee that the problems won't reoccur.

Using the HERO Laptop System, technicians can reduce the time it takes to troubleshoot equipment and provide video proof that their solution got to the root cause of the problem. They no longer have to verbally communicate the intricacies of their solutions because the video clips illustrate the equipment's change in performance. Furthermore, technicians can share video clips with engineers at their own company and help ensure that design errors are addressed before shipment. The end result: mean time to repair decreases as do the costs associated with servicing machinery. Customers are more satisfied and the technician's job is made easier.

## FEATURES

- ▶ **Advanced camera technology allows for high-resolution capture at 60 frames per second**
- ▶ **System integrates easily into machinery controls and sensors for automatic recording of machine faults**
- ▶ **Rugged camera enclosure is designed for harsh and wet environments**
- ▶ **Video clips can be shared on CD, USB drive, or over the Internet**
- ▶ **Lightweight, durable, travel-ready case stores all system components**



## TECHNICAL SPECIFICATIONS

Available in one- or two-camera systems, each recording at 60 fps

Trigger capability: keyboard, 24V input, Ethernet, or directly to proximity switch/photo-eye

Camera(s): manual focus, 10X variable zoom lens, 640 x 480 full color at 60 fps, NEMA 4

Light: 35W Halogen, NEMA 12

One-camera Carrying Case:

Dim: 22" x 14" x 9"

Wt: 50 lbs.

On wheels for easy mobility

Complies with airline overhead specs

Two-camera Carrying Case:

Dim: 24" x 20-1/2" x 15"

Wt: 77 lbs.

On wheels for easy mobility

Laptop:

RAM: 512 MB

Hard drive: 60 GB

CPU: Centrino 1.6 2 MB 725

128 MB of video memory

15" SXGA 1400 x 1050 resolution