

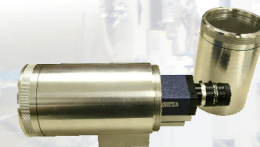
Technology Summary Points

- Point and record mobile configuration - one to six cameras. Minimal setup time - power and go. No trigger input required via extended buffer with video scrubbing combined with frame by frame image processing
- Utilizes GigE camera technology and can accept any combination of GigE compliant cameras (multiple resolutions and frame rates)
- Single point power - all power for machine hardware is provided from the cabinet
- Powerful one computer to one camera configuration - no specialized hardware and no single point of failure
- Can run either the single screen RetroSpek™ Software (with touch-screen display if using external monitor) or the multiple camera ECS View™ Software
- Cable backbone includes daisy-chain segments to extend length and camera and light powered from same cable. Option for POE (Power over Ethernet)
- Wireless triggering (several other triggering protocols - OPC) and as well as wireless system control via Microsoft Remote Desktop (with option to review and control on any mill computer). Includes ECS Wireless File Management Software Module.
- ECS View™ and RetroSpek™ are designed to engage the operator to ensure all first level features are immediately utilized. The ECS Trainer™ provides a series of quick self instructing video screen movies that drive the software for the operator (Web Inspection not available for RetroSpek™)
 - Extended Buffer (10 or more hours and depends on hard drive size and camera)
 - Instantaneous video scrubbing within extended buffer
 - Integrated Multiple Unwind Web Inspection with Global Synchronization
 - Image processing for defect detection with customizable filtering to eliminate false triggering (wrinkle suppression, dynamic edge analysis, ambient light compensation, directional analysis, pattern matching, etc)
 - SQL database image management with Excel Marco export for defects
 - Video export in AVI format



- Sealed enclosure for storage with front and back doors closed (not shown)
- Large front drawer for accessory storage

Hardware Options



Camera Enclosure with bulk head fitting and lens cleaning



30' extension cords for camera/light power and camera signal



High Lumen Flashing LED
- no heat



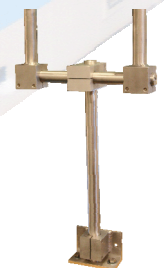
Remote pan and tilt base motor. Can be magnetic base mounted



Insertion camera



Remote control variable zoom lens



7 piece permanent mounting bracket kit



Flexible mounting arm with C-clamp base



Mini-mount with magnetic base. Magnetic base can also be used with full length mounting arm and LED



Wireless access point for wireless system control