

ZenGrab Capture Station

Attended Digital Video Recorder & Software

The ZenGrab Capture Station and software interface existing CCTV traffic cameras with the ZenGrab Digital Enforcement Suite. The Capture Station is an 'attended' digital video recorder that allows a CCTV operator to capture video evidence of possible contraventions taking place.



Capture Station Hardware

The ZenGrab Capture Station is a dual-stream industrial digital video recorder with touch screen operator controls. Installed along side existing CCTV keyboards and monitors, the Capture Station will digitally record any camera picture selected by the operator. The touch screen normally replaces an operators CCTV 'Incident Monitor' and allows for interaction such as secure password log in, system setting adjustment and of course the capture of possible contraventions. Screen icons are provided to activate the 'contravention tagging' and 'Void' facilities. Alternatively a remote keyboard is also available.

Contravention video evidence is digitally recorded on to RAIDed, industrial hard drives which provide two identical copies of the session recording. This gives the Capture Station greater reliability and meets the legislative requirements of the VCA.

Together with the digital recording and contravention tagging is our internal text overlay board called the Video Stamp. The Video Stamp adds the necessary text and meta-data to the evidential recordings. Used in conjunction with an MSF/GPS receiver and antenna, the Video Stamp automatically synchronises the time and date clock of the Capture Station. It also accurately counts the video fields produced by the connected CCTV enforcement camera and overlays that counter on to the video clip, proving integrity.

ZenGrab Capture Software

The ZenGrab Capture software is what makes the Capture Station so effective and efficient in operation. Operators are automatically guided through the legislative requirements of attended enforcement, ensuring compliance at every stage.

When starting an enforcement shift the operator is invited to sign in to the system, a process driven by the connected back-office NPS system. The session recording then begins and the operator is reminded to perform an 'orientation sweep' for each of the cameras they will be using during the shift. This ensures that the correct signage is in place before any contraventions are captured.

The digital video recordings can be made in either MPEG2 or the latest H264 formats. The operator can use the touch screen or keyboard to identify the start point and end point of any possible contravention. The identified clip is then copied from the session recording and sent for review. Note that the operator that records the contravention cannot then review that same contravention, preventing any possible conflicts of interest.



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Should the network that the Capture Station is connected to fail or be unavailable due to support issues, the Capture Station will operate in a 'standalone' mode, allowing the operators to continue with their session recording and contravention tagging until it is restored. On restoration of the network, the identified contravention clips are transferred for review.

Certification

Zenco Systems can provide Manufacturer's VCA certification for the ZenGrab LaneWatch Unattended Enforcement Solution. This avoids the need for the end-user to produce a Technical Construction File and submit it to the VCA for certification after the system has been installed. Where the ZenGrab LaneWatch cameras are used as part of a larger ZenGrab Digital Enforcement Suite, incorporating attended CCTV enforcement and/or mobile vehicle enforcement, Zenco Systems can assist in the production of a Technical Construction File and VCA submission.

ZenGrab Digital Enforcement Suite

The ZenGrab Digital Enforcement Suite consists of a range of products specifically designed to improve the effectiveness and efficiency of parking and traffic contravention enforcement.

Zenco Systems

Zenco Systems are the leading provider of digital traffic and parking contravention enforcement solutions in the UK. Zenco have a wide range of VCA compliant hardware and software systems which are being used by local authorities across the country and abroad every day.

Working with our key Channel Partners, Zenco can provide a turnkey solution to your parking enforcement needs.

Contact

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Features

- Digital Session & Contravention Recording
- Secure Operator Login & Audit Trail
- Touch Screen Operation
- Mirrored Hard Drives
- MPEG2 or H264 Recording Formats
- Offline Operating Mode
- VCA Certified



Benefits

- VHS Tapes and DVDs are no longer required
- Evidence Storage Space is Reduced
- Evidence Quality and Integrity and is improved
- Evidence Security is improved
- Productivity increases
- Operating costs reduce
- Comprehensive Support

