

Quick Reference Guide

Eyewitness® HD ICV System

DVR / Agency-MDC Controller Configuration with Expanse^{DSS} Wireless Audio System

Loading/unloading Recording Media:



Before turning on the system, confirm that a media drive is loaded in the DVR. If not, insert the drive and lock it in place. If you remove the drive at the end of the shift (as opposed to using wireless file transfer), use the key to unlock the cartridge, then pull it out of the DVR and turn it in for ingestion into the database.

System Start-up:



Your system has been configured to power on and off automatically with the vehicle's ignition, or you will control power with the small controller module pictured here. You will also need to open the EyeHD program on your laptop (usually an icon for the program is added to the desktop to make this easier). Bootup should take a couple minutes. Once live video is shown on the MDC display, the system is ready to operate.

Start and Stop Recording:

- 1) Most record activations occur automatically by activating the emergency lights. Recording can also be started by activating the Wireless Transmitter or Siren (if connected to the system), or you can manually start recording by selecting any active camera icon. You can also start a recording by double-clicking (or tapping) the primary video window.
- 2) Regardless of how the recording starts, recording is indicated by:
 - The video window outline will turn red (and flash if configured)
 - The corresponding camera icon will turn red
 - The record icon at the top of the screen will turn red
- 3) Press the STOP button to stop all cameras recording, or press the camera icon to stop just the selected camera. If configured with Stop/Hold Classifications, they will appear on screen each time a recording is stopped, allowing you to make a selection.



Play Recorded Audio and Video:

1. While in LIVE VIEW mode, press the PLAY Menu's button 
 - The PLAY MENU is displayed with a list of recorded files and thumbnails to select from.
 - Tap or click on the desired file to start playback.
 - During playback, adjust the volume using the volume control on the screen or your laptop's volume control.
 - To pause playback, tap or click on the video window – tap/click the screen again to resume playback.
 - While playback is paused, you can tap/click the Bookmark button  to add a bookmark to the video at that location. If configured to accept comments, a box and keyboard will appear allowing you to enter comments about the bookmark.
2. When the video playback completes, the screen will return to the play menu. You can return to this menu without waiting for playback to complete by selecting the U turn arrow. 
 - Select another file to play or press either arrow to return to live view.

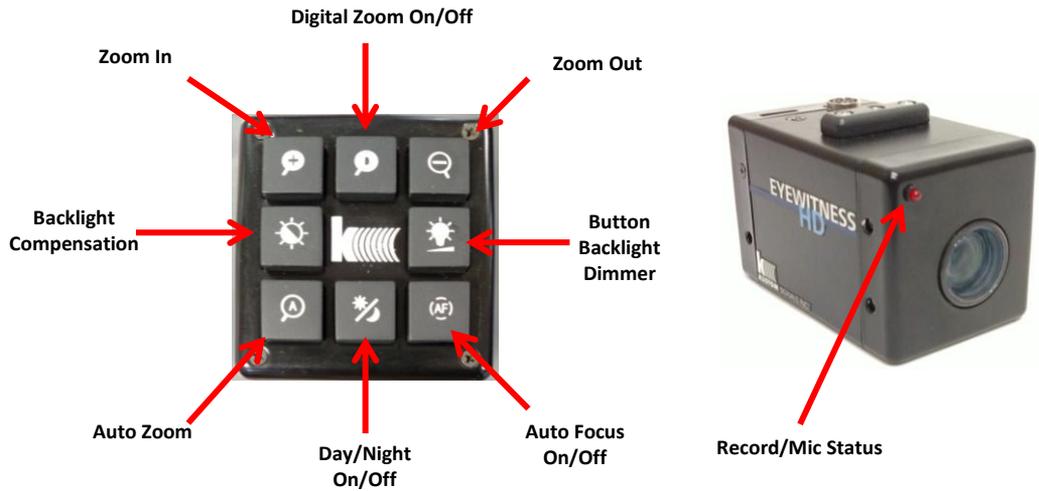
MDC GUI Button Guide:

As seen in the picture, the EyeHD MDC program has the following controls:



- Bkgd Drive Menu – admin access to optional background recording drive.
- Log-in Menu is used only for Agencies that require officer login.
- Playback Menu – see above.
- Set-up Menu – select the icon then access the desired menu. Note most systems restrict access to admin-level screens.
- Home – Returns the screen to live view.
- Auto Zoom – used to get a close-up image with a single press.
- GPS Mark – used to store GPS coordinates for important events.
- Stop – stops all recordings.
- In-Car Mic – toggles the ICM on and off.
- Playback Volume – does not affect recorded audio levels.
- Camera Buttons – Start/Stop recordings for individual cameras.
- Bookmark – mark an important event on the video (during recording or playback).
- Front Camera Controls – mimics most of the controls on back of the camera.

Zoom Camera:



1. Confirm positioning by viewing live video on the monitor.
2. Press Autozoom to zoom in momentarily, pause and perform a momentary auto focus, then return to wide angle.
3. Day/night button turns on/off the night (b&w) mode, which may capture more information in low light.
4. Auto focus is not normally used and is recommended for occasional use only. We recommend against leaving the camera in Auto Focus mode full time.

Note: The system powers up and automatically performs a momentary Autofocus. If the camera is pointed at a smooth blank wall, it may never find its point of focus, or focus too near the car to provide focused video at night. It is best to power the system on with the camera looking at distant objects. If this is not possible, after powering on, move the car so you can position the camera at distant objects and turn on Auto Focus. Watch the screen to confirm the camera has focused, then turn Auto Focus back off.

Auto Focus is never recommended for use at night as there is seldom enough ambient light for the camera to focus properly.

MDC Configuration Changes

Changes to your MDC's configuration may affect the operation of your Eyewitness HD system. Kustom Signals, Inc. recommends that you contact Tech Support at 1-800-835-0156 (or 620-431-2700) before making any changes to the involved MDC.

Transmitter Operation:

1. Set the POWER slide switch on the on the side of the transmitter unit to the ON position.
2. Insert and dock the transmitter unit into the Base Station in order to sync them together and to charge the transmitter's battery.



Tips:

- If the transmitter's battery is fully discharged, it may take up to 5 hours to fully charge.
 - **Important! - Turn off at end of shift or charge using desktop charger.**
 - **It is strongly recommended that the desktop charger be used for daily charging.**
 - **Mic will not charge in base station if the video system is off.**
 - Only the last transmitter sync'd will communicate with the base station.
 - Once the transmitter is adequately charged, the transmitter can be placed on your uniform using the supplied pouch or in your uniform's pocket.
 - Do not place transmitter under a bullet-proof vest, and make sure the front of the transmitter (antenna) faces away from your body.
3. The transmitter can be used to start a recording by pressing the REC button. You will feel a **single buzz** or hear a **single beep** (depending on the position of the switch on the side opposite the power switch) and the In-Use LED will change from red to green.
 - While the system is recording audio, a Mic icon will appear on the screen above the video window.
 - If a low battery condition exists the Low Batt will blink red until 25% battery remains, then display steady red when <25% battery is left.
 4. While recording, the transmitter can be muted by pressing the REC button – you will feel a **double buzz** or hear a **double beep**. Press the switch again to return to active mode.



Tips:

- Even when audio is muted, video recording continues.
- The EMG switch is inactive.



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