

# BLACK-OPS Mobile Surveillance Spy System

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## Initial Setup

- 1) Begin by charging the battery. Insert the battery into the provided charger, and plug into any standard wall outlet. The light on the charger will glow amber while charging, and green when fully charged.
- 2) Slide the back of the Mini DVR off to expose the battery port. Insert the battery and slide the cover back on. Using the provided adapter, plug either the Sunglasses covert camera or the Button covert camera into the Mini DVR.
- 3) Make certain that the switch on the side of the unit is set to 'N', and press the power button at the top of the Mini DVR. The screen should illuminate and show you an image from the camera.
- 4) Press the record button (Symbol is '•') to begin recording the image from the sunglasses.

## Video Recording and Playback

There are two different methods of recording : Manually initiated, and Quick Record. To manually begin recording, turn the unit on while the switch is on the 'N' symbol and press the record button. The unit will display a '•' symbol in the upper-left hand corner of the screen, and will immediately begin recording to memory.

To quick-record, turn the unit off. You can immediately begin quick-recording by flipping the switch on the side of the unit to 'Q'. The unit will vibrate to turn on and begin recording. The screen is dark and not backlit while the unit is in quick-record mode.

Alternatively, you can start the quick-record by using the remote control provided. While the Mini-DVR is turned off and the switch is set to the 'N' position, you can turn on quick-record by holding the 'B' button on the remote control for 3 seconds. Likewise, you can turn off the quick-record by holding the 'A' button on the remote control for 3 seconds.

To play back video clips, turn the switch on the side of the DVR to the 'N' position and turn the unit on. Enter the menu by pressing the 'Esc' key, move to the right and hit 'OK' on the 'Video Playback' option. You will see a list of all recorded videos; highlight the video you wish to play back, and hit 'OK' to begin playing back the video. The left and right buttons will adjust the Mini-DVR volume. Press 'Esc' to stop playback and return to the playback menu. To return to the camera image and resume recording, select the 'Video Record' option from the menu.

If you are recording video to a Micro SD Memory card, you can play back the recorded clips by removing the card from the Mini DVR and plugging it into a computer using a memory card reader (Sold Separately).

## Audio Recording and Playback

To begin audio recording, first turn the unit on while the switch is in the 'N' position. Enter the main menu by pressing the 'Esc' key and move to the right until 'Audio Record' is selected, and press 'OK'. Once in the Audio Recording menu, you can begin recording by pressing the '•' button. The screen will show the same '•' symbol next to the recorded time. To stop recording, press the 'Esc' button. To play back recorded audio, hit 'Esc' to return to the main menu, move to the right to the 'Audio Playback' option, and select the audio file you wish to hear. While playing back audio, the left/right keys will adjust volume, while the Esc key stops playback and returns you to the playback menu.

## Setup

To enter the setup, first turn on the unit while the switch is in the 'N' position. Enter the main menu by pressing the 'Esc' key, and move to the option on the furthest right, the system setup.

Within the system setup are Eight separate options to be configured :

- Storage Select allows you to choose whether the Mini DVR records to the 128mb internal memory, or to the inserted Micro-SD Memory card.
- Storage Info will show you the total size and free space of the internal memory or the Micro-SD Memory card.
- Format will allow you to completely erase the contents of the internal memory or the Micro-SD memory card, to allow for more recordings.
- System Time Setting will allow you to adjust the current Date/Time for the Mini DVR.
- Display Setting will allow you to select what type of display to use. If you are using the AV Out cable to connect the Mini DVR to a television set, you will need to select the type of TV you are using from this menu (NTSC or PAL).
- Brightness will allow you to adjust the brightness of the Mini DVR's LCD screen.
- Language will allow you to select a different language for the Mini DVR's menus and text.
- Default will reset all of the Mini DVR's settings back to the defaults from the factory.

Additional setup options are available for configuring the recording options for video. To access these setup options, press the 'OK' key while viewing in the Video Record section and looking at the camera image.

- Resolution allows you to select what resolution the Mini DVR records its videos in. 720x480 or 320x240. Higher resolution provides a clearer, more detailed image but also consumes memory significantly faster.

- Switch Setting allows you to configure the Quick-Record switch on the side of the unit. The (Lock and standby) option will tell the DVR to immediately lock all keys and move into a standby mode where it uses less power when the switch is set to 'Q'. (Lock, standby, and record Video) will tell the DVR to lock all keys and begin recording audio and video when the switch is set to 'Q'. (Lock, standby, and record audio) will tell the DVR to lock all keys and begin recording audio only when the switch is set to 'Q'.
- Mic allows you to select which microphone to use : the internal microphone built into the Mini DVR, or an external microphone built into the sunglasses or button cameras.
- Date Stamp tells the Mini DVR whether or not to record the time and date on recorded video.
- FPS allows you to select how many images per second the video uses; 10, 20, or 30 images per second. A higher frame rate will provide smoother, more fluid motion but will also consume memory significantly faster.
- Remote Control tells the Mini DVR how to react to the remote unit. Off will ignore all button presses from the remote, Boot and Record Video tells it to turn on and begin recording video when the 'B' button is held in for 3 seconds, and Boot and Record audio tells it to turn on and begin recording audio when the 'B' button is held in for 3 seconds. The 'A' button will still turn the unit off when held for 3 seconds, and while in either recording mode the screen is dimmed to conserve power.
- Standby setting tells the recorder to go into a standby mode after a certain length of time. While in standby mode, the camera consumes less power and the battery life is extended but the screen is not illuminated.
- Overwrite enable will tell the camera whether or not to erase the oldest recording when the memory is full. If turned off, the camera will stop recording entirely when memory is filled.

## Troubleshooting

- 1) No Image / Image too Dim – This is usually caused by the system being in a 'standby' mode. To see the image from the camera, first ensure that the switch on the side of the recorder is set to 'N'. Wait ten seconds, then press and hold the power button at the top of the Mini DVR for 2 seconds to power on the system. You should now see an image. If the screen goes dark while the unit is powered on, press a key to exit standby mode, or recharge the battery.
- 2) Battery life is too low – This can occur if you have set your screen brightness too high, the volume on playback too high, or if the unit is operated for extended periods of time while the LCD screen is on. To extend the battery life, use the quick-record features of the camera (Switch to 'Q' or use the remote control to start/stop recording)
- 3) Explanation of unit vibrations – To prevent the unit from being detected, instead of any audio alerts the unit uses Vibrations to indicate status. When the Mini-DVR is turned on a long 2s vibration will occur. When the Mini-DVR is turned off, three short vibrations will occur. If the unit is in Video Record mode but does not have a camera plugged in, it will vibrate continuously in 1s intervals until a camera is connected or the DVR is turned off.