

Hidden Camera Z86 Camera

Overview

Congratulations on your purchase of the Z86 DVR Car Security Camera

The Z86 is an intelligent security camera with multiple triggering methods and multi auto on /off modes. The camera comes with a built-in rechargeable battery which can record up to 9 hours video and audio continuously although in standby motion detection mode, up to 25 days when max battery mode is enabled. By plugging in a 5V DC adapter (included), it can max 156 hours circular recording for surveillance on a 256GB microSD card.*

* Actual life and performance may vary depending on usage and settings; battery not replaceable

Features

Circular recording – loop recording once memory card is full

Time stamp – Video and audio time & date stamp.

Motion-triggered recording – select to record only when motion is detected, 25 days standby (in max battery mode) and will function through glass.

Auto gapless split file – gaplessly split files for every 10 / 15 / 20 minutes

Orientation – use when the camera is up-side-down

Full HD 1080P resolution

Configurable video quality – high / medium / low

Support max 256GB microSD(TF) card (for better performance, use card larger than 8GB, class 10 or above, and before use, format the card to FAT32 format only.

Package Contents

Please unpack your intelligent security camera and check that the following are included:

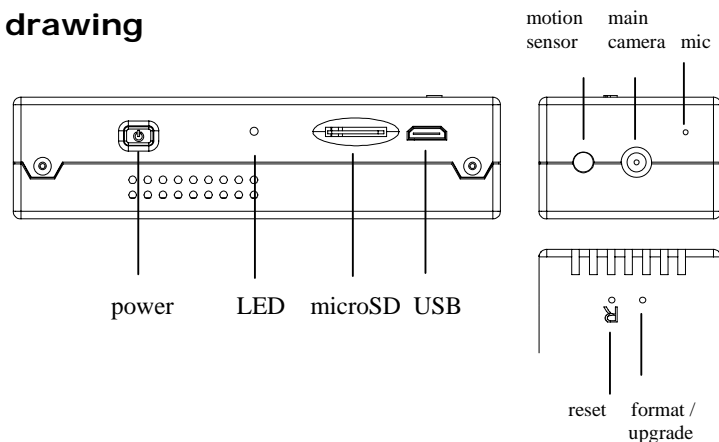
Z86 security camera

USB 2.0 Cable

Quick Start Guide

Note: The PC configuration tool "Camera Widget" is not included in the package, please download it from <http://www.zetta.com.hk>

Z86 drawing



Charging

The camera comes with an internal rechargeable battery. To use the camera for the first time or not using the camera for a long duration, fully charge the battery for at least 8 hours and resync the time by using the Camera Widget (see section "PC Configuration Tool"). You can charge your camera through the USB port of your computer, or a portable power bank, or a 5 V DC adapter or car charger.

To charge the battery through USB port, connect the USB cable to the USB port of the computer and the camera. For details, please see the status below. The camera will function as a mass storage device, you will not be able to record video at this moment

To charge the battery through power bank, DC adapter or car charger, connect the charger to the camera. For details, please see the status below. You will be able to record video while charging, depending on the mode you set.

Recording

The power button is located by the side of the camera. It can turn the camera on or off

Start Recording

Insert a FAT32-formatted microSD card (please see "Format Card" on how to format the card). Press and hold the Power button until the green LED is on (approximately 3 seconds), and then release the button. When you see the green LED flashing, the camera is recording. Otherwise, please see the status below. Green solid means standby mode.

Stop Recording

Press and hold the Power button until the orange LED is off (for approximately 3 seconds).

WARNING: Turn off the camera before removing the microSD card!

Status

Without external charger

Green LED on: camera is booting up

Green LED flashing: normal recording

Green / Red LED intermittent flashing: battery low and recording

Red LED on: no card, card fail, battery low or card full (not in circular recording)

Connecting to an external charger

Orange LED on: charging but no recording

Green LED on: charging completed but no recording

Green LED flashing: charging completed and recording

Green / Orange LED intermittent flashing: charging and recording

Red LED on: no card, card fail or card full (not in circular recording)

Connecting to computer

Orange LED on: charging

Green LED on: charging completed

Z86 Security Camera

Customize setting

For custom mode configuration, please use the PC configuration tool "Camera Widget" to change the settings. The widget can be downloaded from <http://www.zetta.com.hk> (default password dvrdrvdr)

Video Quality*	(High) / Medium / Low
Indoor Lighting Condition	(50Hz) / 60Hz
Orientation	(Normal) / Up-side-down
Timestamp	(Enable) / Disable
Circular Recording	(Enable) / Disable
Split File Time (min)	10 / (15) / 20
Mic	(Enable) / Disable
LED On/Off	(On) / Off
Motion-Trigger Sensitivity**	High / Medium / Low / (Disable)
Power Option***	Always On / (Max Battery)

* Memory usage:

Video Quality High: 3GB / hour

Video Quality Medium: 2GB / hour

Video Quality Low: 1.5GB / hour

** If triggering is enabled, the Z86 will record for 10 seconds after powering up. Then it will go into standby. If there is trigger, it will keep recording until there are no further triggers. After that, it will record for 1 more minute and then standby again.

*** When Always On is selected, Z86 will not record but the system will remain on. There will be 1 second delay in the recording after triggering. When Max Battery is selected, the system will standby and there will 4 seconds delay in the recording after triggering.

Format card

For card >=64GB, it must be formatted to FAT32 before use if used. New card unnecessary. To format a card, please follow this:

1. Insert the card into Z86
2. Connect Z86 to a power bank or micro USB charger until orange light is on
3. Use a pin to press and hold the upgrade button (at the back of the camera, WITHOUT any wording) until the red light is flashing
4. Release the upgrade button
5. Press and hold the upgrade button again until the green light is flashing
6. Disconnect the USB charger or power bank, the format is completed

PC Configuration Tool (Camera Widget)

To synchronize the time and customize settings, download the PC configuration tool (Camera Widget) from www.zetta.com.hk and follow the instruction in the software guide.

REMARK: If the time shown is year 2030 or after due to loss of Real Time Clock, please use the widget to resync the time. The files with incorrect time stamp will be moved to the ZETTA_ERR folder. Please delete the files if they are not needed.

Minimum System Requirements

Windows XP, Vista, 7, 8, 10

Mac OS 10.9 or above

USB 2.0 port for hi-speed transfers and charging

Connecting to computer

To connect the camera to your computer, follow these instructions:

1. Connect the larger end of USB cable to an available USB port of the computer
2. Connect the smaller end of the cable to the USB port of the camera
3. The camera will appear in My Computer as a removable drive

Environmental Requirements

Storage temperature: 32° to 113°F (0° to 45°C)

Operating temperature: 32° to 113°F (0° to 45°C)

FCC Regulation

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and then on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Increase the separation between the equipment and camera.
2. Connect the equipment to a different outlet so that the equipment and camera are on different branch circuits.
3. Consult the dealer or an experienced radio / TV technician for help.