Zetta Z86 Security Camera Quick Start Guide

Overview

Congratulations on your purchase of Zetta Z86 security camera!
Zetta Z86 is an intelligent security camera with low power motion detection function, work being glass. The camera comes with a built-in rechargeable battery which can record up to 9 hours continuous video and audio during typical use and standby for more than 25 days when motion triggering (in max battery mode) is enabled. By plugging in a 5V DC adapter (not included), it can achieve 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*

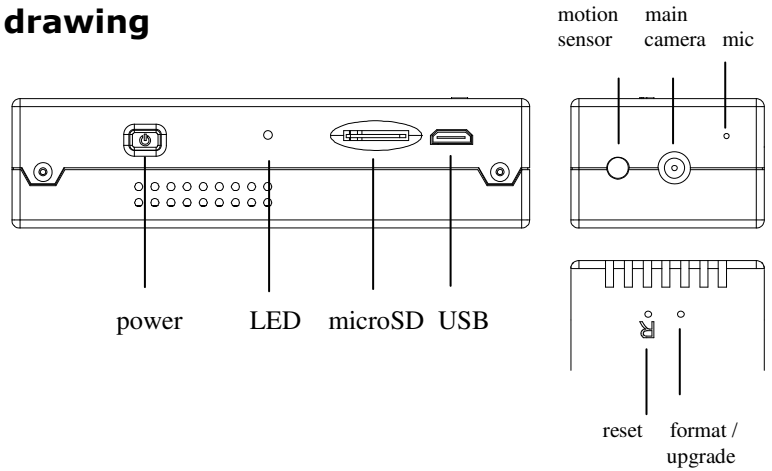
Features

Circular recording – loop back recording once memory card is full
Time stamp – put time stamp on video
Motion-triggered recording – select to record only when motion is detected, 25 days standby (in max battery mode), work through windows
Clouding push notification – can config to connect to the cloud server and get push notification when an image is uploaded
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 4 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:
Zetta 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 https://spygadgets.no/minikamera-zetta-z86

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 time, please 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 5V 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 key 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 key until the green LED is on (approximately 3 seconds), and then release the key. When you see the green LED flashing, the camera is recording. Otherwise, please see the status below.

Stop Recording

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

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

If the camera hangs, please use a pin to press the RESET key for 1 second to reset it. The time will be lost. Please use the Camera Widget to sync the time again.

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)
Red LED flashing: cannot connect to router (when configured to connect to cloud server)

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)
Red LED flashing: cannot connect to router (when configured to connect to cloud server)

Connecting to computer

Orange LED on: charging
Green LED on: charging completed

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Customize setting

For custom mode configuration, please use the PC configuration tool "Camera Widget" to change the settings.

	Custom (default)
Video Quality*	(High) / Medium / Low
Indoor Lighting Condition	(50Hz) / 60Hz
Orientation	(Normal) / Up-side-down
Timestamp	(Enable) / Disable
Circular Recording	(Enable) / Disable
Frame rate (fps)	(30) / 15
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. If triggering is disabled, the Z86 will always record.*

*** *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. Please choose Max Battery if you need the longest standby time.*

Format card

For card >=64GB, it must be formatted to FAT32 before use.
To format a card, please follow this:
1. Insert the card into Z86
2. Connect Z86 to a power bank or micro USB charger (not included) until orange light is on
3. Use a pin to press and hold the upgrade key until the red light is flashing
4. Release the upgrade key
5. Press and hold the upgrade key again until the green light is flashing
6. Disconnect the USB charger or power bank, the format is completed

Manufacturer

Zetta Systems Limited

PC Configuration Tool (Camera Widget)

To synchronize the time and customize settings, download the PC configuration tool (Camera Widget) from spygadgets.no 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 sync 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

App (Cam Server)

The Z86 also supports cloud push notification, please install the app "Cam Server" on Android or iOS devices. Please search with quotes in the Play or App store for better result.

1. Connect the Z86 to a computer and use the Camera Widget software to enable wifi
2. Safely eject the drives and turn on Z86
3. Turn on phone wifi and connect to ZETTA_Z86
4. The default password is dvrdvrdvr
5. When asked, please choose "stay with wifi" or "always connect" and disable smart switching. If not ok, please do "forget network" in wifi setting and restart the phone and try again
6. Run the app "Cam Server" on the phone and press the '+' to configure the camera
7. You can do local preview (no sound), browse microSD card file list or change settings through the app when the camera and the phone are connecting to the same router. The camera will upload a 20-second image clip to the cloud server every hour if trigger is disabled, or upload to the cloud server when it is first motion-triggered. You will get a push notification when your phone has Internet access and you can use the app to watch the image clip (no sound). Please see the help message in the app for the usage.
8. To restore to factory default, please turn on the camera, then use a pin to press the upgrade key for 5 seconds and then release the key.

Technical Support

Before contacting us, please visit https://spygadgets.no/minikamera-zetta-z86

Environmental Requirements

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