

# 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 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 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

**Orientation** – use when the camera is turning 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 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:

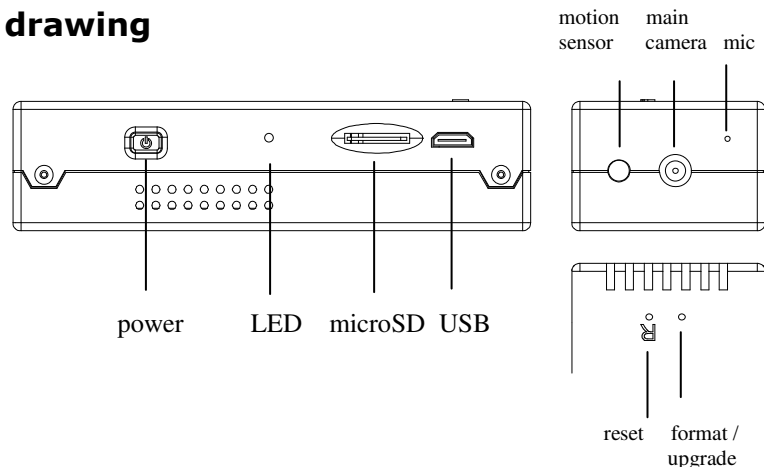
Zetta Z86 security camera

USB 2.0 Cable

Quick Start Guide

Note: The PC configuration tool "Camera Widget" is not included in the package, please download it from <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 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 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.

### 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

# Zetta Z86 Security Camera Quick Start Guide

## 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>

	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.

\*\*\* 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.

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 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

## Manufacturer

Zetta Systems Limited

Email: [support@zetta.com.hk](mailto:support@zetta.com.hk)

## PC Configuration Tool (Camera Widget)

To synchronize the time and customize settings, download the PC configuration tool (Camera Widget) from [www.zetta.com.hk](http://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

## Firmware upgrade

Zetta will from time to time release new firmware for enhancement or adding new features. Visit [www.zetta.com.hk](http://www.zetta.com.hk) to check it out.

## Technical Support

Before contacting us, please visit the "Support" section in <http://www.zetta.com.hk>. For further questions on feature and usage, please contact us at (852) 31884492 or (1) 415373 6020

## 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.

# Zetta Z86 安保攝像機快速入門指南

## 總覽

恭喜您購買了 Zetta Z86 安保攝像機！

Zetta Z86 是一款智能安保攝像機，具有多種觸發方法和多種自動開關模式。相機內置可充電電池，啟用移動觸發（節省電力模式下）時，在一般使用和待機狀態下，最多可以錄製 9 個小時的連續視頻和音頻，待機持續 25 日。通過 5V DC 適配器（不包含），它可以循環錄製最長 156 小時的影片於 256GB microSD 卡內。\*

\*實際時間和性能可能因使用情況和設置而異；電池不可更換

## 功能

循環錄製 - 存儲卡已滿時循環錄製

時間標籤 - 在視頻上顯示時間

移動觸發錄製 - 選擇僅在檢測到動作時錄製，待機 25 日（節省電力模式下），能穿透玻璃工作

自動無縫分割文件 - 每 10/15/20 分鐘無縫分割文件

方向 - 當相機上下顛倒時使用

全高清 1080p 分辨率

可選視頻質量 - 高 / 中 / 低

支持最大 256GB microSD（microSD）卡（為獲得更好的性能，請使用大於 8GB，Class 4 或更高級別的卡，並且在使用之前，將卡格式化為 FAT32 格式）

## 包裝內容

請打開智能安保攝像機的包裝，並檢查是否包括以下物品：

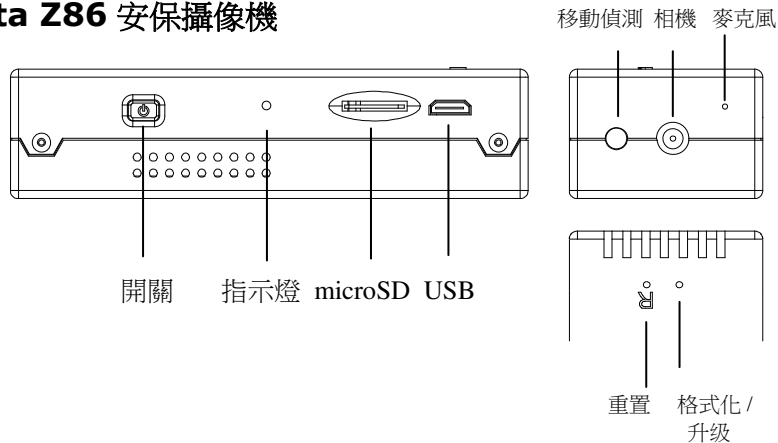
Zetta Z86 安保攝像機

USB 2.0 電纜

快速入門指南

注意：包裝內不包含 PC 設置工具“Camera Widget”，請從 <http://www.zetta.com.hk> 下載。

## Zetta Z86 安保攝像機



## 充電

相機配有內部可充電電池。初次使用相機或長時間不使用相機，請為電池充電至少 8 個小時，然後使用“Camera Widget”重新同步時間（請參閱“PC 設置工具”）。您可以通過計算機的 USB 端口，便攜式移動電源，5V DC 適配器或車載充電器為相機充電。

要通過 USB 端口為電池充電，請將 USB 電纜連接到計算機和相機的 USB 端口。有關詳細信息，請參見下面的狀態。攝像機將用作 U-盤，此時您將無法錄製視頻。

要通過移動電源，5V DC 適配器或車載充電器為電池充電，請將充電器連接至相機。有關詳細信息，請參見下面的狀態。您可以在充電時錄製視頻，具體取決於您設置的模式。

## 攝錄

電源按鈕位於相機的背面。它可以開啟或關閉相機。

### 開始攝錄

插入 FAT32 格式的 microSD 卡（有關如何格式化該卡，請參閱“格式化卡”）。按住電源按鈕，直到綠色 LED 點亮（約 3 秒鐘），然後釋放按鈕。當您看到綠色 LED 閃爍時，表示相機正在錄製。否則，請參閱下面的狀態。

### 停止攝錄

按住電源按鈕，直到橙色 LED 熄滅（約 3 秒鐘）。

警告：在移除 microSD 卡之前，請先關閉相機！

## 狀態

### 沒有充電器

綠色 LED 亮起：相機正在啟動

綠色 LED 閃爍：正常記錄

綠色/紅色 LED 間歇閃爍：電池電量不足並正在記錄

紅色 LED 亮起：無卡，卡故障，電池電量低或卡已滿（不在循環記錄中）

### 連接到充電器

橙色 LED 點亮：正在充電但沒有記錄

綠色 LED 亮起：充電完成，但沒有記錄

綠色 LED 閃爍：充電完成並正在記錄

綠色/橙色 LED 間歇閃爍：正在充電和記錄

紅色 LED 亮起：無卡，卡出現故障或卡已滿（不在循環記錄中）

### 連接電腦

橙色 LED 亮：正在充電

綠色 LED 亮起：充電完成

# Zetta Z86 安保攝像機快速入門指南

## 自定義設置

請從 <http://www.zetta.com.hk> 下載 PC 設置工具 “Camera Widget” 更改設置

	自定義(默認)
視頻質素*	(高) / 中 / 低
室內照明頻率	(50Hz) / 60Hz
攝錄方向	(正常) / 反轉
時間標籤	(啟用) / 停用
循環攝錄	(啟用) / 停用
文件保存時間 (分鐘)	10 / (15) / 20
麥克風	(啟用) / 停用
燈號顯示	(開) / 關
移動偵測**	高 / 中 / 低 / (停用)
電源選項***	保持開啟 / (節省電力)

\*內存使用情況:

視頻質素高: 3GB / 小時

視頻質素中: 2GB / 小時

視頻質素低: 1.5GB / 小時

\*\*如果啟用了觸發, Z86 會在開機後記錄 10 秒鐘。然後它將進入待機狀態。如果有觸發, 它將一直記錄直到沒有其他觸發。之後, 它將再錄製 1 分鐘, 然後再次待機。

\*\*\*當選擇 “保持開啟” 時, Z86 將不會記錄, 但系統將保持開啟狀態。觸發後, 錄製將有 1 秒延遲。選擇 “節省電力” 時, 系統將處於待機狀態, 觸發後, 錄製將延遲 4 秒。

## 格式化卡

對於 > = 64GB 的卡, 使用前必須將其格式化為 FAT32。

要格式化卡, 請按照以下步驟操作:

1. 將卡插入 Z86
2. 將 Z86 連接到移動電源或 USB 充電器 (不包括), 直到橙色指示燈亮起
3. 用迴紋針按住升級按鈕 (在相機背面, USB 插槽旁邊), 直到紅燈閃爍
4. 放開升級按鈕
5. 再次按住升級按鈕, 直到綠燈閃爍
6. 斷開 USB 充電器或移動電源的連接, 格式化完成

## 製造商

思哲系統有限公司

電子郵件: [support@zetta.com.hk](mailto:support@zetta.com.hk)

## PC 設置工具 (Camera Widget)

要同步時間和自定義設置, 請從 [www.zetta.com.hk](http://www.zetta.com.hk) 下載 PC 設置工具 (Camera Widget), 然後按照軟件指南中的說明進行操作。

備註: 如果顯示的時間是 2030 年或之後, 由於丟失了實時時鐘, 請使用 **Camera Widget** 重新同步時間。時間不正確的文件將被移至 ZETTA\_ERR 文件夾。如果不需要, 請刪除該文件。

## 最低系統要求

Windows XP, Vista, 7、8、10

Mac OS 10.9 或以上

USB 2.0 端口用於高速傳輸和充電

## 連接電腦

要將相機連接到計算機, 請按照以下說明進行操作:

- 1 將 USB 電纜的較大一端連接到計算機的可用 USB 端口
- 2 將電纜的較小端連接到相機的 USB 端口
- 3 相機將作為 U-盤出現在 “我的電腦” 中

## 固件升級

Zetta 會不時發布新固件以增強功能或添加新功能。

請到訪 [www.zetta.com.hk](http://www.zetta.com.hk) 查看。

## 技術支援

與我們聯繫之前, 請到訪 <http://www.zetta.com.hk> 中的 “支援服務” 部分。有關功能和用法的其他問題, 請致電 (852) 31884492 或 (1) 415373 6020 與我們聯繫

## 環境要求

儲存溫度: 32°F 至 113°F (0°C 至 45°C)

工作溫度: 32°F 至 113°F (0°C 至 45°C)

## FCC 規定

此設備符合 FCC 規則的第 15 部分。操作必須符合以下兩個條件:

1. 此設備可能不會造成有害干擾, 並且
  2. 本設備必須接受收到的任何干擾, 包括可能導致意外操作的干擾。
- 本設備經測試證明符合 FCC 規則第 15 部分中關於 B 類數字設備的限制。這些限制旨在為住宅安裝中的有害干擾提供合理的保護。本設備會產生, 使用並輻射射頻能量, 如果未按照說明進行安裝和使用, 可能會對無線電通信造成有害干擾。但是, 不能保證在特定安裝中不會發生干擾。如果此設備確實對無線電或電視接收造成干擾 (可以通過關閉然後再打開設備來確定), 則鼓勵用戶嘗試通過以下一種或多種措施來糾正干擾:
- 1 增加設備和相機之間的距離。
  - 2 將設備連接到不同的插座, 以使設備和攝像機位於不同的分支電路上。
  - 3 請諮詢經銷商或有經驗的無線電/電視技術人員以尋求幫助。