

HD Video Capture

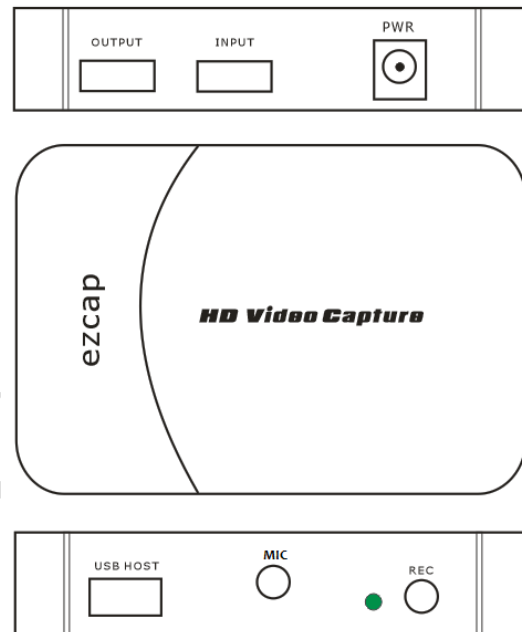
Quick Start Guide

Thanks for purchasing ezc280H HD Video Capture. The following guides you how to set up the device. Hope this device will bring you nice digital experience.

With this ezc280H HD Video Capture, you can capture 1080P video from HDMI port, such as blue ray, set-top-box, computer, game box, etc.

Features/ports and buttons:

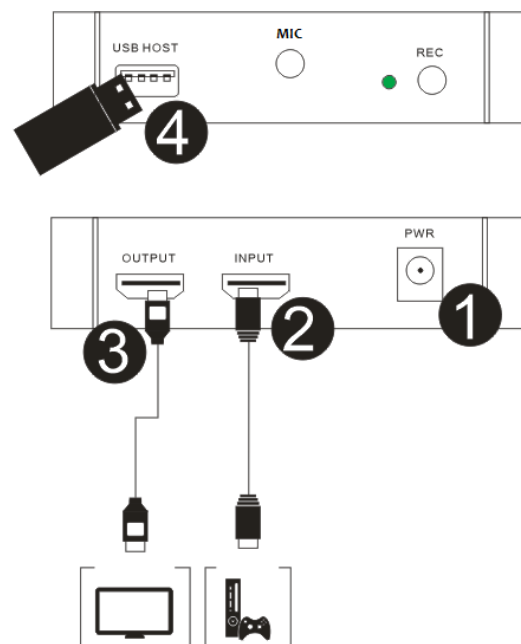
1. OUTPUT—HDMI output, pass through display HDMI.
2. INPUT—HDMI input.
3. PWR—DC 5V power supply.
4. USB HOST—For plug USB flash drive or USB HDD for saving record files.
5. LED indicator—Color be green when standby, be red when recording.
6. REC button—Press to record/stop.
7. MIC —Connect a microphone and record voice comments when play game.



How to play:

- 1, Connect power with DC adaptor
- 2, Use HDMI cable connect Xbox or other source.
- 3, With HDMI cable connect to monitor
- 4, Plug an USB disk on.
- 5, Plug a microphone if you need record your voice.
- 6, Press the REC button to capture the playing video, you will see the LED indicator turn red from green. Press REC button again to stop capturing, will see LED indicator flash few seconds then turn green.

Most important: Use “safety remove” option to remove your USB flash or HDD after



format from computer, **DO NOT** just plug out without click “safety remove” option, otherwise you will cause problem during recording.

The recording will be stopped automatically if the USB memory is full, or the input video signal is lost during recording.

Note: If you use USB HDD, and there is more than 1 partition, then the video only saved on first partition, when the first partition memory is full, the recording will be stopped. So, please check and set up your USB HDD firstly according to your demand.

6, After you stop recording, connect the USB flash to computer, will see the recorded files: for 1080P recording, file will be Encode_1080P_1, for 720 or 480p recording, file will be Encode_1.

Every record/stop operation will create a different recording file: Encode_1080P_1, Encode_1080P_2, Encode_1080P_3... and so on.

The max size per file will be around 1.95GB (around 17 minutes for 1080p video), when you record a video more than 1.95GB(15 minutes), ezc280 will partition it in more than 1 file, for example: if you record a 45 minutes 1080p video by one click recording, you will see 3 files: Encode_1080P_1, Encode_1080P_1_1, Encode_1080P_1_2...and so on

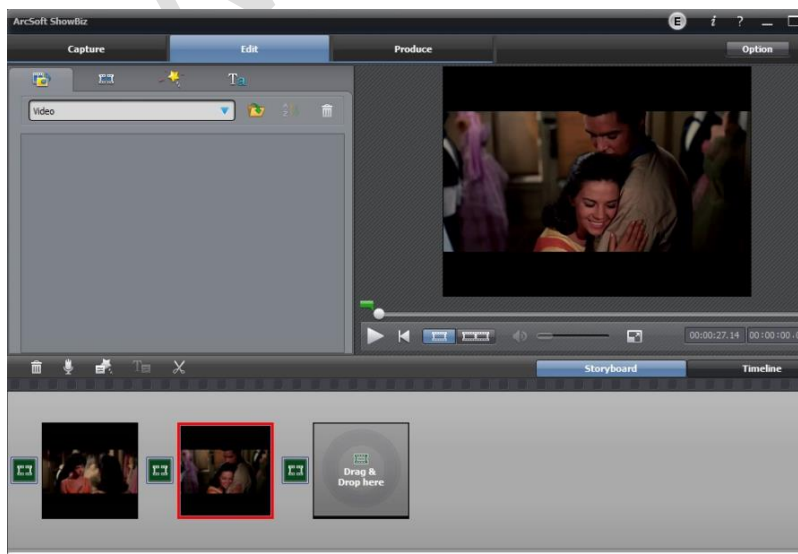
If you like use a media player to playback the recorded video, make sure it support **MPEG4 video and AAC audio decode**.

7, Update firmware: you may need update firmware for this device for some reason. Copy the firmware file into USB disk, power off the device (unplug power jack), plug USB disk to device, power on, the indicator will flash 7~8 seconds, then the update is finished.

8, Reset: After long time using, you will see the number of recording file become too big, for example Encode_1080P_234, but you want it be start from Encode_1080P_0, to do it you just keep press record button (before power on), then plug the power jack to power on the device, after 3 seconds, the file number will start from 0.

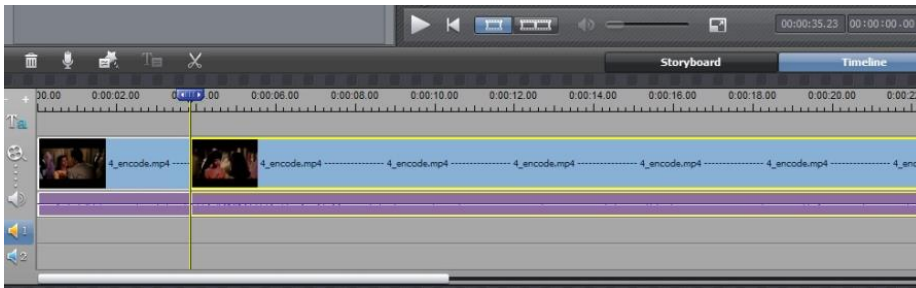
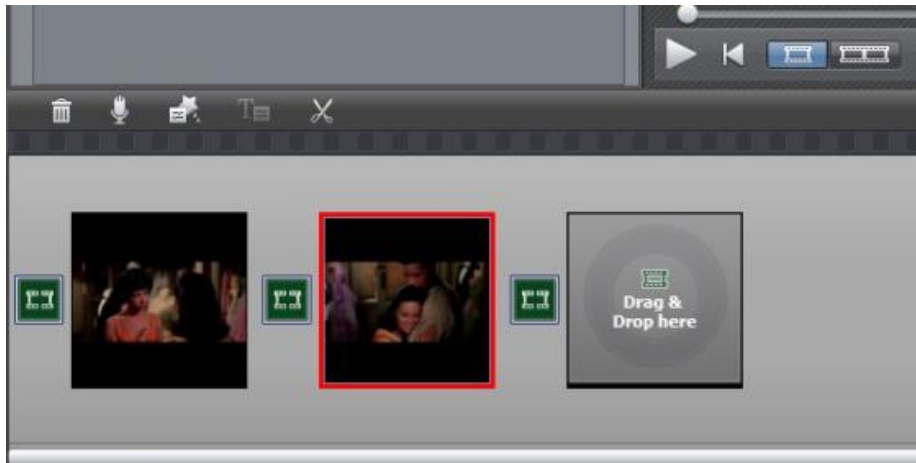
Edit/Convert recorded files:

The ezc280H comes with a video edit software—Arcsoft ShowBiz 3.5, you can edit your video file with it.

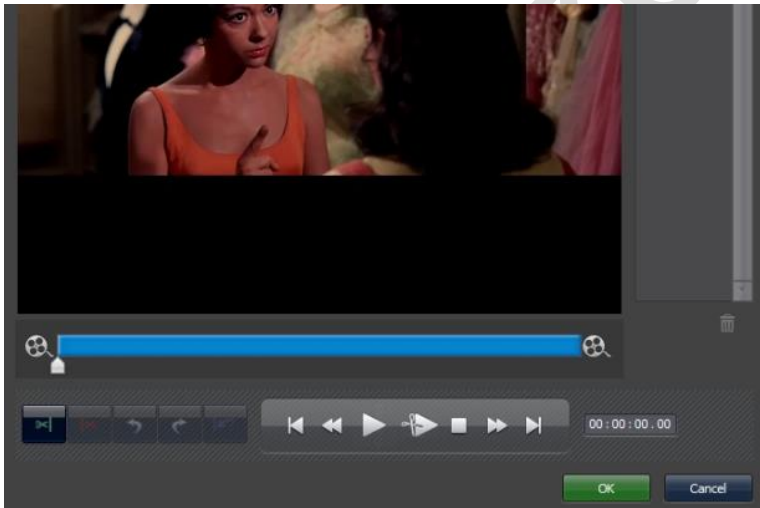


After install it on computer, and open it.

1, You can combine two or more video in one, just drag them into Showbiz:



2, You can cut a video to two or more:



3, Click "Produce" after editing, you can create DVD or upload video to YouTube:



4, Please click “Create file” to create multiple files for different devices, such as apple, PSP, mobile phone, etc:



Please click the “?” key on the software panel to get the more information and help.

Specifications:

Connections

Interface	USB 2.0 Host
Video Input	HDMI
Audio Input	HDMI, 3.5mm Micro Phone In
Video Output	HDMI (Pass-through from HDMI)
Audio Output	HDMI (Pass-through from HDMI)

Package Contents

Device	HD Video Capture
Others	DC adapter, Software CD, User Manual

Hardware Extra

Codec	Hardware H.264 encoder
User Interface	On-board Hot Button for one-click recording / stop
	LED indicator for working status
Dimensions	110(L) × 75(W) × 27(H) mm
Net Weight	130g

Standards

Storage Media	USB Flash Disk, Portable Hard Disk
	Note: The exFAT format is not supported.
Resolution	Input / Pass-through: 720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (50i), 1920 x 1080 (60i), 1920 x 1080 (24p), 1920 x 1080 (25p), 1920 x 1080 (30p), 1920 x 1080 (50p), 1920 x 1080 (60p)
	Capture: 720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (50i), 1920 x 1080 (60i), 1920 x 1080 (24p), 1920 x 1080 (25p), 1920 x 1080 (30p), 1920 x 1080 (25p), 1920 x 1080 (30p)
	Note: Up scaling is not supported.
Record Format	Video: MPEG4, Audio: AAC
Record Quality	Max: 16Mbps@1080P 30fps
Record File	Max: 1.95GB / Per File
Record Place	Max: 140MB / Minute, 8GB / Hour
Power Supply	DC 5V / 2A

Applications

Software	Arcsoft Showbiz
Video Editing	Timeline / Storyboard edit, Split / Divide Scenes, Multi Trim Scenes ...

Video Export	Upload to YouTube
	Portable Device: iPod, iPhone, iPod Touch, Apple TV, PSP, PS3, Xbox
	File: MPEG 1 / 2 / 4, WMV HD, QuickTime (MOV) ...
Operating System	Windows 8 (32 / 64 bit), Windows 7 (32 / 64 bit), Windows Vista (32 / 64 bit)
CPU	Intel Core 2 Duo 2.8GHz, AMD Athlon 64X2 Dual Core 3.0GHz
Memory	4 GB RAM
Graphics Card	VGA card with support for DirectX 10.0c or above

高清视频采集盒

使用说明

ezcap280H 高清视频采集盒支持从 HDMI 采集 1080P 高清视频。产品采用一键录制设计，操作简单。

外观、按键及接口

1. OUTPUT—HDMI 视频输出，用于实时显示从 HDMI 输入或色差输入到录像盒的视频。

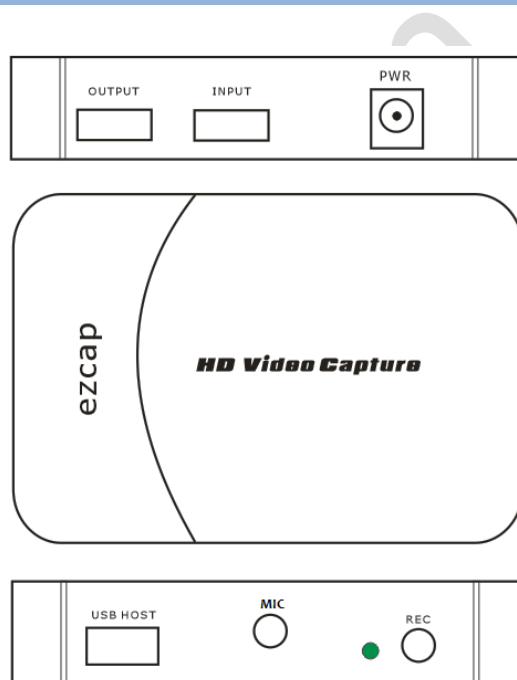
2. INPUT—HDMI 视频输入

3. PWR—5V 供电口。

4. USB HOST—用于插入 U 盘或 USB 硬盘盒以存储录制内容

5. LED 指示灯—状态指示。绿色为待机状态，红色为录制状态。

6. MIC—麦克风输入。



录制:

1, 设备连接电源适配器

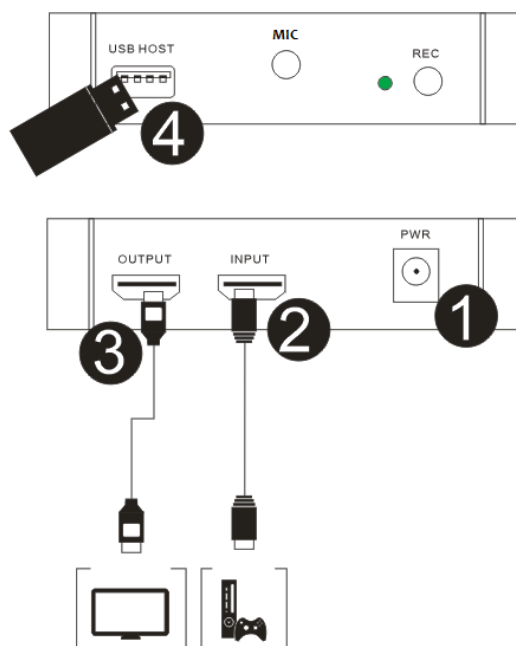
2, 使用 HDMI 线材连接视频源 HDMI 输出到高清视频采集盒的 HDMI IN 接口。

3, 使用 HDMI 线材连接高清视频采集盒的 HDMI OUT 接口到电视机或显示屏的 HDMI 输入接口。

4, 插入 U 盘或移动硬盘

5, 如果你需要同时录制你的语音，请连接麦克风到 MIC 接口。

6, 连接好后，你一定可以在电视或显示器上获得影像和声音，同时绿色指示灯常亮，现在采集盒已经准备好录制了。轻轻按下录制按键，你看到绿色指示灯变为红色，这就代表已经开始录制了。



注意：如果按下录制键，指示灯没有变化的话，或许有如下几种原因，请确认：

1, 输入的视频源没有连接好

2, U 盘或移动硬盘容量已满

3, U 盘、移动硬盘的格式不适合, 比如 exFAT 格式。采集盒支持 FAT、FAT32 和 NTFS 格式。

4, U 盘、移动硬盘没有插好

5, U 盘、移动硬盘还没有准备好, 一般插入后需要 4~8 秒的时间

如果要停止录制, 你只需再次轻按录制按键, 你将会看到 LED 指示灯闪烁几下然后变为绿色常亮, 这时说明已经停止录制, 你可以拔下存储设备了。

注意: 当 LED 指示灯闪烁时, 请不要拔下 U 盘, 否则有可能会丢失部分录制文件。如果 U 盘录制满, 采集盒会自动停止录制, 不会损坏或丢失之前的录制文件。

将存有录制文件的 U 盘或移动硬盘与电脑连接, 你将会看到视频录制文件: 1080P 的录制文件, 文件名为 Encode_1080P_1, 720 或 480 录制文件为 Encode_1。

每一次 录制/停止的操作, 伊卡普采集盒都会新建一个不同的录制文件: Encode_1080P_1、Encode_1080P_2、Encode_1080P_3...

每一个文件最大约为 1.95GB (1080p 视频文件约 17 分钟), 当你录制视频超过 1.95GB, 采集盒会自动保存为一个文件, 并继续录制。举例: 当你按一次录制键并准备录制 60 分钟左右的 1080P 的视频, 那你将会得到四个文件: Encode_1080P_1, Encode_1080P_1_1, Encode_1080P_1_2...前面三个文件分别为 1.95GB, 时长分别约 17 分钟, 而第四个文件时长约 9 分钟。

注意: 一些时候你会发现录制文件播放时有遗漏, 那或许是因为你使用的是 NTFS 格式的存储设备, 且你最后从电脑拔出时没有点击“安全退出”。如果你尝试安全退出还是没有解决这个问题, 请试着将存储设备格式为 FAT32 格式并再次尝试。

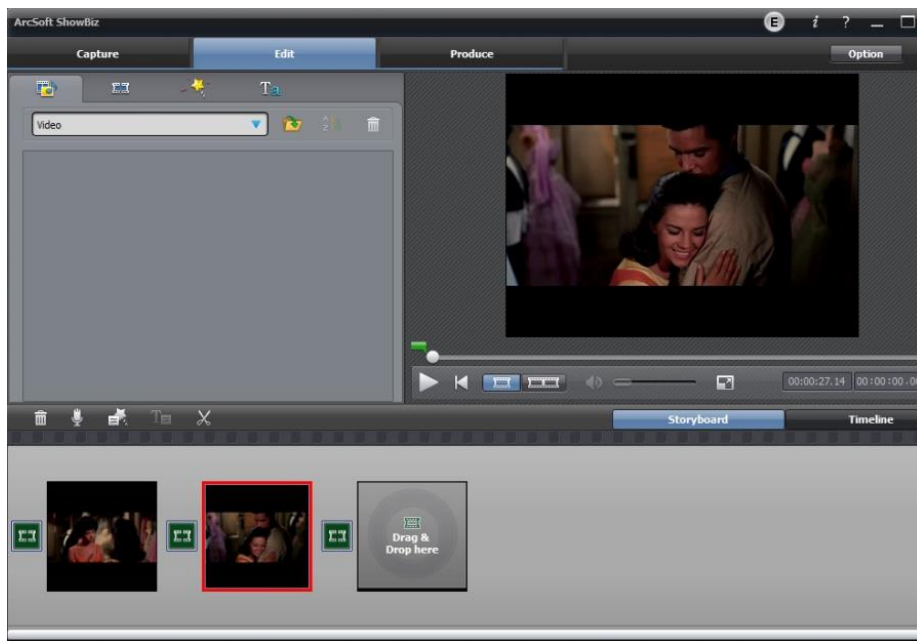
程序升级、文件名清零和文件时间设定:

1, 程序升级: 因为一些原因你或许需要升级程序。请将新的程序拷贝到 U 盘内, 将采集盒电源拔掉, 插上 U 盘, 再接上电源, 这时指示灯将会闪烁七八秒, 并最终变成绿色常亮, 这时表示软件升级成功。

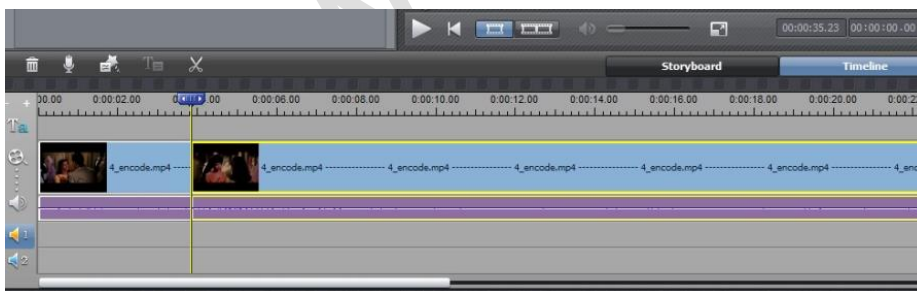
2, 采集盒长时间使用后, 你将会看到录制文件名的数值越来越大, 比如 Encode_1080P_234。如果你觉得不太好管理, 而想从 Encode_1080P_0 开始的话, 请在采集盒接电前长按录制按键, 并接上电源, 大概三秒后, 文件名将会清零。

录制文件的编辑:

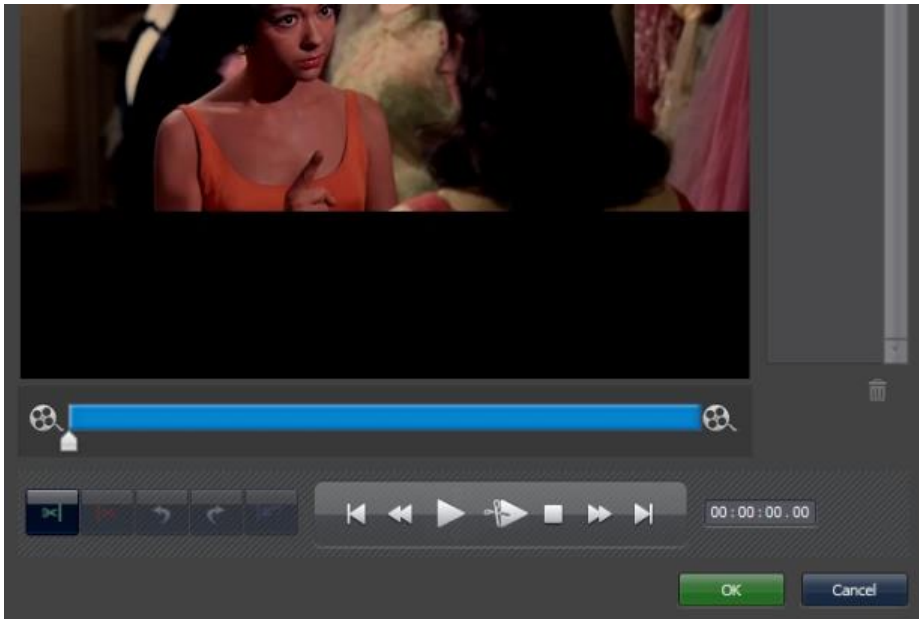
本录像盒配送了一个强大的视频编辑软件—Arcsoft ShowBiz 3.5, 您可以使用它来编辑您所录制的视频。按照提示安装好软件后打开:



1, 将需要编辑的视频拖入编辑框, 比如将两段视频拖入合并为一个视频文件:



2, 也可以把一段视频分割为两段:



3, 编辑后点击 produce(发布)可以将视频创建为 DVD 或发布到 Youtube:



4, 也可以创建为文件以转换为各种媒体格式, 如 Apple 的格式, PSP 格式等等。



参数:

接口界面

接口	USB 2.0
视频输入	HDMI
音频输入	HDMI, 3.5mm 麦克风输入
视频输出	HDMI
音频输出	HDMI

包装内容

设备	ezcap280H 高清视频采集盒
配件	电源适配器, 软件光盘, 说明书

硬件规格

编码器	H.264 硬件压缩
操作界面	一键录制 / 停止录制
	LED 工作状态指示灯
尺寸	110(长) × 75(宽) × 27(高) 毫米
重量	130 克

参考标准

存储介质	U 盘, USB 移动硬盘
	注: 不支持 exFAT 格式.
分辨率	输入 / 输出: 720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (50i), 1920 x 1080 (60i), 1920 x 1080 (24p), 1920 x 1080 (25p), 1920 x 1080 (30p), 1920 x 1080 (50p), 1920 x 1080 (60p)

	录制: 720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (50i), 1920 x 1080 (60i), 1920 x 1080 (24p), 1920 x 1080 (25p), 1920 x 1080 (30p), 1920 x 1080 (25p), 1920 x 1080 (30p)
	注: 输出和录制分辨率与输入信号一致, 不支持提升分辨率.
录制格式	视频: MP4, 音频: AAC Stereo
录制质量	最大: 16Mbps@1080P 30fps
录制文件	最大: 1.95GB / 文件
录制速度	最大: 140MB / 分钟, 8GB / 小时
电源适配器	直流 5V / 2A

应用软件

软件	Arcsoft Showbiz
视频编辑	时间轴 ...
视频输出	便携设备: iPod, iPhone, iPod Touch, Apple TV, PSP, PS3, Xbox
	文件: MPEG 1 / 2 / 4, WMV HD, QuickTime (MOV) ...
操作系统	Windows 8 (32 / 64 bit), Windows 7 (32 / 64 bit), Windows Vista (32 / 64 bit)
CPU	Intel Core 2 Duo 2.8GHz, AMD Athlon 64X2 Dual Core 3.0GHz
内存	4 GB RAM
显卡	支持 DirectX 10.0c 以上之显卡