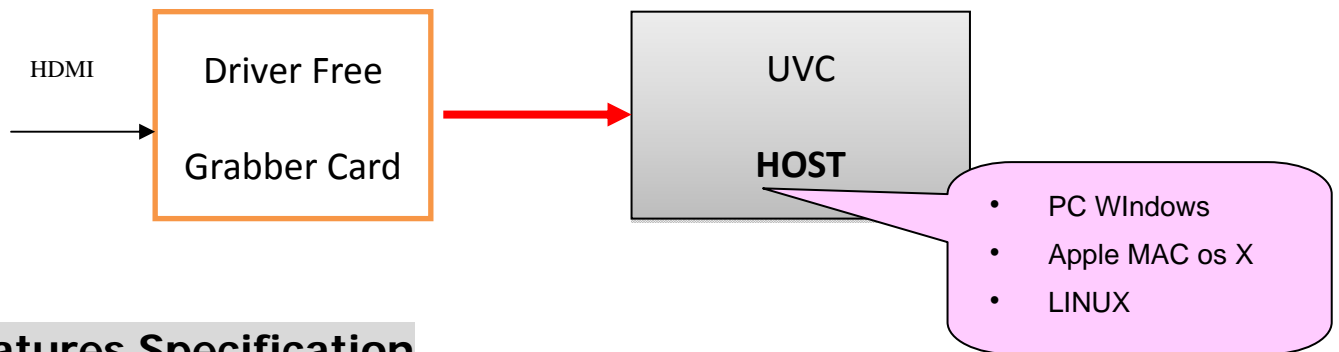
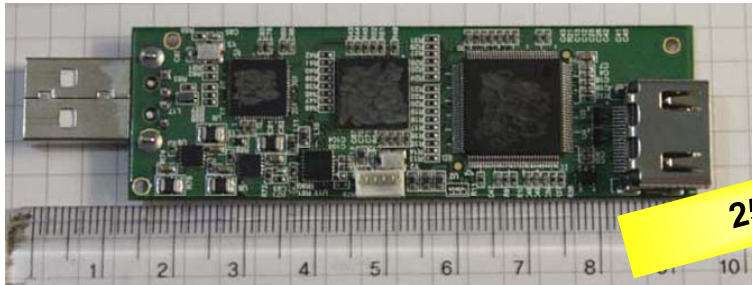




# FEBON168 USB DRIVER FREE UVC HDMI GRABBER CARD SPEC

## HD HDMI to UVC



### Features Specification

- Driver free (USB Video Class) for any OS (windows XP · Vista · win7, win8, MAC OS)
- Works on LINUX /Android if UVC driver has been developed in your embedded OS  
**(If you can let usb uvc webcam work on embedded os, FEBON168 UVC grabber will also work)**
- Compatible for Directshow.
- Play & Plug with USB Video Class for USB 2.0
- HDMI video source input ( DO **NOT** support HDCP ) , UVC for video output / UAC for Audio output
- Video resolution support list

| HDMI INPUT                               | USB UVC output   |
|--|--|
| 1920X1080P<br>60fps /50fps /30fps /25fps | 1. MJPG<br>1920X1080 up to 15fps (full screen)<br>1280x720 up to 30fps (crop)<br>1366x768 up to 30fps<br>2. YUV<br>1920X1080 up to 5fps (full screen)<br>1280x720 up to 10fps (crop) |

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<http://www.sunriase.com>

<http://febon.blogspot.com/2013/10/febon168-uvc-usb-hdmi-grabber-card-user.html>



|                           |  |
|---------------------------|--|
|                           | 1366x768 up to 10fps (crop)  |
| 1366x768P<br>60fps /30fps | 1 MJPG<br>1366x768 up to 30fps(full screen)<br>1280x720 up to 30fps (crop)<br>2 YUV<br>1366x768 up to 10fps (full screen)<br>1280x720 up to 10fps (crop)   |
| 1280x720P<br>60fps /50fps | 1. MJPG<br>1280x720 up to 30fps (full screen)<br>1366x768 up to 30fps(crop )<br>2 YUV<br>1280x720 up to 10fps (full screen)<br>1366x768 up to 10fps (crop) |

## Hardware spec

- Voltage: 5V
- Current: max is 350mA / average is 300~330 mA
- PCBA Dimension (Without connector): 80mm x25mm
- TWO LED light hint
  - Flash of two light : HDMI input error
  - The left light turn on: HDMI INPUT is 1920X1080P
  - The right light turn on: HDMI INPUT is 1280X720P
  - Two lights turn on together: HDMI INPUT is 1366x768p

## Software support

- MAC OSX:
  - Embedded MAC AP: Quicktime player, photo booth
  - Skype QQ MSN / adobe video stream (youtube / ustream and etc)
  - VJ (AVENUE, Modul8, istopMotion and etc)
  - Other AP that can support UVC webcam.
- Windows
  - AMCAP, VLC , KMplayer
  - SKYPE, QQ, MSN

## Video Demo & User manual



- <http://www.sunriase.com/2013/10/febon168-usb-uvc-hdmi-grabber-cvard.html>



## Compatible software /AP

|  |   |
|--|---|
| Windows XP / VISTA/7/8<br><br>(Any uvc software) | <ol style="list-style-type: none"><li>1. AMCAP</li><li>2. VLC</li><li>3. Portplayer / KM player</li><li>4. SKYPE (old version) / QQ /</li><li>5. GOOGLE+ Hangouts</li><li>6. Webcamxp</li></ol>   |
| MAC OSX<br><br>(Any uvc software)                | <ol style="list-style-type: none"><li>1. quickTime player ( new add record)</li><li>2. SKYPE (it just take the smallest resolution of device)</li><li>3. final cut pro</li><li>4. VJ</li><li>5. photo booth</li><li>6. Google+ Hangouts</li></ol> |

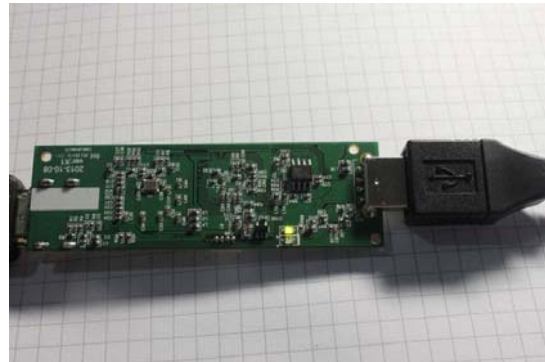
## How to judge the HDMI INPUT resolution

|  |  |
|--|--|
| STEP 1:<br>plug in the HDMI UVC grabber card Into notebook |  |
| STEP 2:<br>Plug in the HDMI video source into HDMI grabber |  |
| STEP 3:  | Case 1 : 1280x720p HDMI INPUT  |

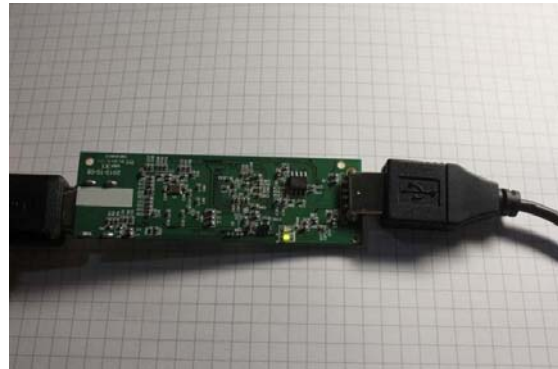


Before open the software AP , there are two kindly of mode  
We can just what HDMI resolution input

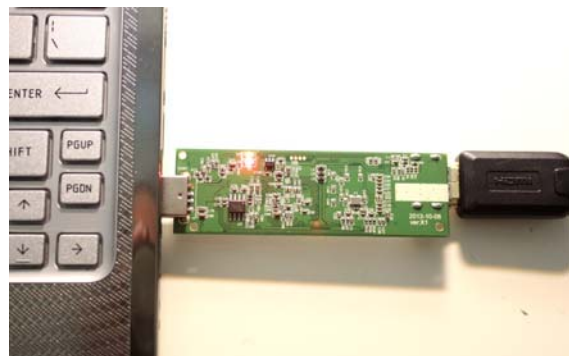
The led is turn on near the inside.



Case 2: 1920x1080p HDMI INPUT  
The led light is turn on near the rim



Case 3: 1366x768 HDMI input  
The two led are both turn on.



STEP4: OPEN AP / software