

Written by OSSLab thx

- [Arduino code](#)
- [Facebook](#)
- [MCU](#)
- [Virtual com port](#)
- [Web Control](#)
- [WIFI Car](#)

??Openwrt ????? ,?? open mips embedded ????????,
 ?????? Arduino wifi shield ,????/??? ?????,
 ??????????wifi shield ???????TCP IP ?????
 ?????WEB+ IP Web Stream video server ?????? python ?????,?????? ??????????.

???:
 ??????? ? Arduino,MSP430 ,ST32 ?Wifi shield ?? TCP/IP ?? , WIFI IP CAM ,IP KVM ,??????, ??????.???, ?????? ,?
 ???..

?? :
 WIFI ?
http://www.osslab.com.tw/Hardware/Open_Embedded_System/MIPS/Atheros/WR-703N/OSSLAB_firmware/WIFI_Car
<http://www.v2ex.com/t/42244>
<http://huaidan.org/archives/3515.html>

???? [FW171 ????????](#)
 ??????? FW171
[?????????Arduino code\(????\)](#)

???? : FW171 ??????Web UI?????. ??????????????????.?????????????????
 ???openwrt fw?.
 ? mtd -r write 1.bin firmware

??ip
 ip:192.168.1.1
 id:admin
 pass:?????

??IP Cam
<http://192.168.1.8080>
 id:admin
 pass:ad(min

IP CAM ??? (???)

Logitech C310
Microsoft

??

<http://see.sl088.com/wiki/%E7%BD%91%...B8%B2%E5%8F%A3>

Base system:block-mount, hotplug2 ,librt,

mjpg_streamer (real time mjpeg ??)

???Luci Web GUI +??USB Cam and Arduino ????

????	kmod-usb-core
	kmod-usb-ohci
??serial port	kmod-usb-serial
ftdi ????	kmod-usb-serial-ftdi
usb2.0??	kmod-usb2
uno? ?? ??serial ??	kmod-usb-acm
USB CAM	kmod-usb-UVC (usb cam UVC ??)
	kmod-block2mtd
	kmod-scsi-gernic
file system	kmod-fs-exportfs
	kmod-fs-ext4
	kmod-i2c-core
	kmod-fs-vfat
utility	core-utility

Luci Collection

?????????? telnet or ssh ??Router ?

cd dev

ls

arduino uno ??? /dev/ttyusb0

uno ?,lanuchpad ??? /dev/ttyACM0

???? ??firmware ???ser2net

```
ser2net -C "3001:raw:600:/dev/ttyUSB0:9600 NONE 1STOPBIT 8DATABITS -XONXOFF -LOCAL -RTSCTS"
telnet 192.168.1.1 3001
```

????Serial ?????? ??????????

??Arduino ?????? http://blog.sina.com.cn/s/blog_5e4725590100d3sf.html ??????

Need To Do:

1. i18 Luci?????????
- 2.Video Stream web ????? ,mjpg_streamer?????????????
- 3..???Client ???web luci?????
4. ??USB audio driver

?????? WIFI IP CAM ???????

0x40-0x43:00110101 0x44-0x47:00010001

