



UserManual

FCC STATEMENT

1. 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.

(2) This device must accept any interference received, including interference that may cause undesirable operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 these 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 harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorientate or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Sanho Manufacturer's Limited Warranty

Sanho warrants to the end user, that this product, excluding content and or software supplied with or on the product, will be free from material defects in manufacture, will conform to Sanho's published product specifications and be fit for normal use during the Warranty Period specified below commencing on the date of purchase provided that the product is legally placed on the market. To make a warranty claim please contact Sanho at the telephone number below or support@hypershops.com within the Warranty Period and provide proof of purchase (showing date and place of purchase and name of the reseller) and product name, type and number. You may return the product after first obtaining a Return Material Authorization number and following any other guidelines listed. For further information see www.hypershops.com. Sanho may at its option repair this product or provide you with an equivalent product; and if unable to repair or replace the product, will refund the purchase price. Sanho will not be liable for indirect or consequential damage (including loss of data), or for damage caused by improper use (including use in an incompatible device and use not in accordance with the instructions), or by improper installation, unprofessional repair, modification or accident. This constitutes Sanho's entire liability which will never exceed the price you paid for it, plus the necessary costs you made for the warranty claim. Sanho products must not be used in applications where failure could threaten injury or life, such as life support systems. National, state and local laws may grant you other rights that are not affected by this warranty.

Warranty Period: 1 Year

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Additional terms and conditions can be found at www.hypershops.com
Usage of this product constitute acceptance of these terms and conditions.

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This manual content is based on iOS App V1.5 and Firmware V32. As software continue to be improved, the above content subject to change without notice.

What's In The Box

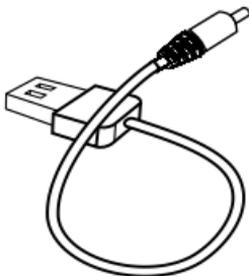


1 Main Unit

1/4" Tripod Thread



2 User Manual



3 USB Charging Cable



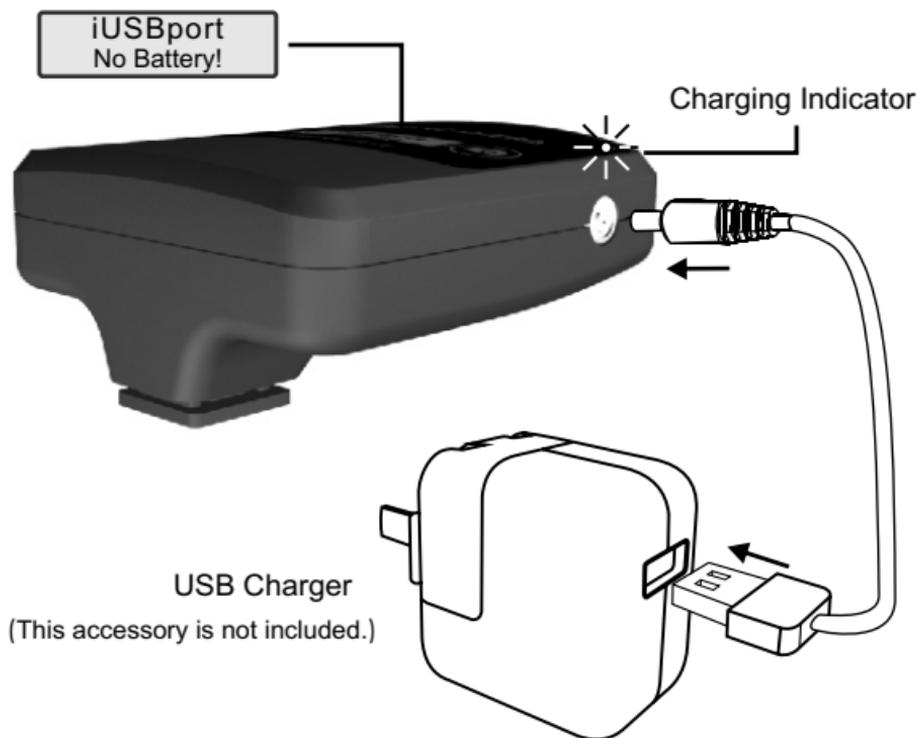
4 USB Cable

Battery Charging

The product package does not include a USB charger. We recommend that you use a 5V/1A USB charger to charge the battery.

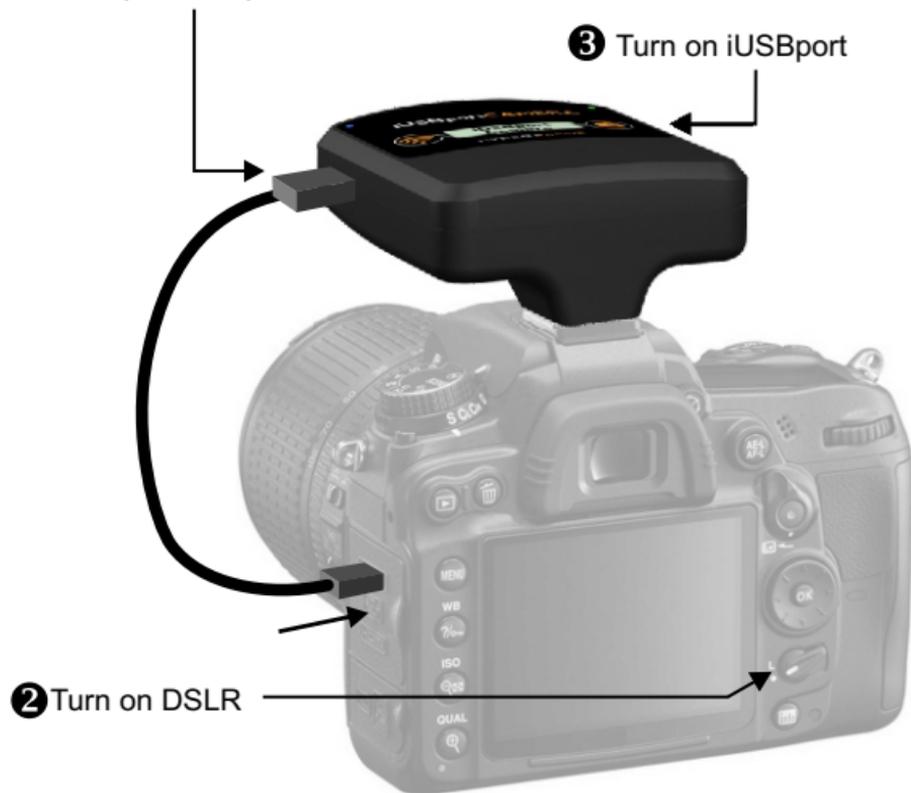
When the LCD display 'No Battery', you should charge the iUSBport . **After displaying 'No Battery' for 3 minutes, iUSBport will turn off automatically.**

The charging indicator will light up orange during charging. When the battery is fully charged, the charging indicator will turn green. (~7hrs to full charge from empty)



Connecting To DSLR

- 1 Make sure that everything is turned off. Connect DSLR to iUSBport with provided USB cable.



- 3 Turn on iUSBport

- 2 Turn on DSLR

- 4 Wait for iUSBport CAMERA until your DSLR was detected. The LCD will display following message:

iUSBport
Camera Ready

Connecting To iUSBport CAMERA

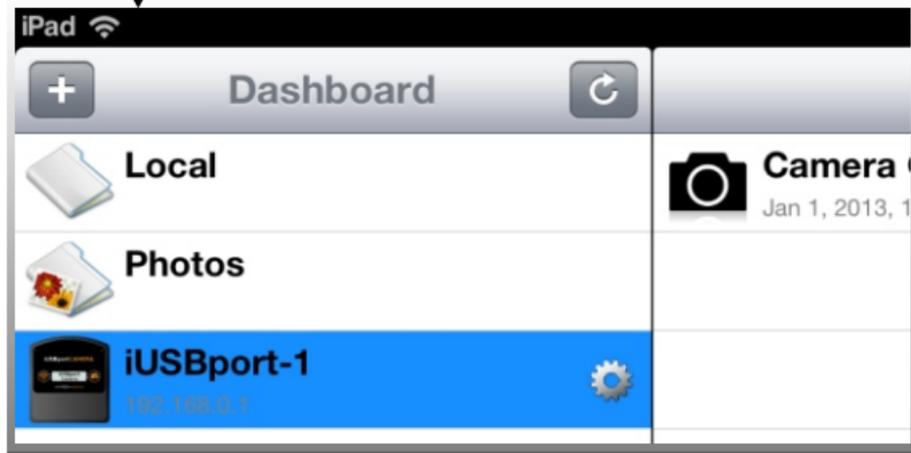
1 Go to "Settings" on your mobile device (e.g. iPad) →



2 Select "iUSBport" from the list of Wi-Fi networks.



3 Wait for Wi-Fi symbol to appear to indicate successful connection with Wi-Fi network.



Camera Control Overview

- 1 Install and open 'iUSBport' App on the mobile device (e.g. iPad)
- 2 Tap  icon to search for iUSBport CAMERA.

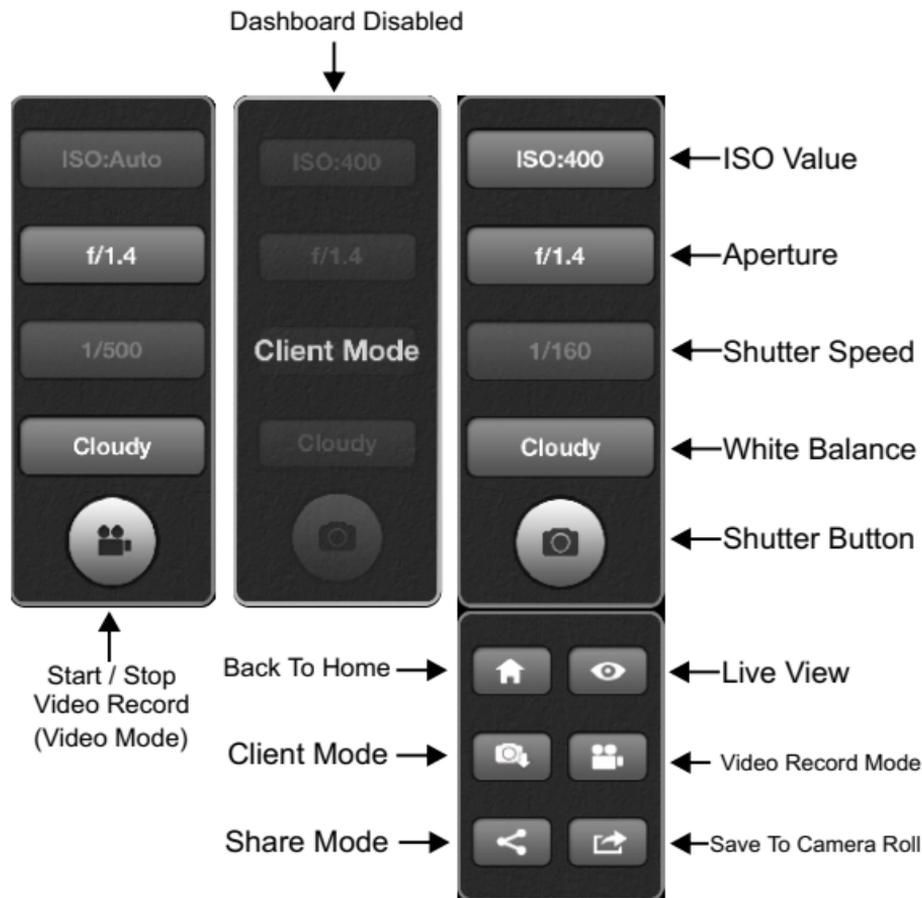


- 3 Select your iUSBport CAMERA and open 'Camera Control'.
- 4 The 'Camera Control' panel will launch.



Camera Control Overview

Some functions or buttons may be disabled in certain camera modes.



Remote Control DSLR

- 1 Once 'Camera Control' has detected the camera, iUSBport CAMERA LCD will display 'Camera Tethered'



- 2 Touch  icon to remote release shutter.

According to camera's setting, it may perform AF drive before releasing shutter. If it fail to complete AF, shutter will not be released. In this case, please adjust your camera or lens.

The camera will always store pictures in the memory card. So if there is no memory card in the camera, the shutter will not be released.

- 3 The captured image will be transferred to mobile device automatically. During the transfer, a progress bar will display and the shutter button is disabled.



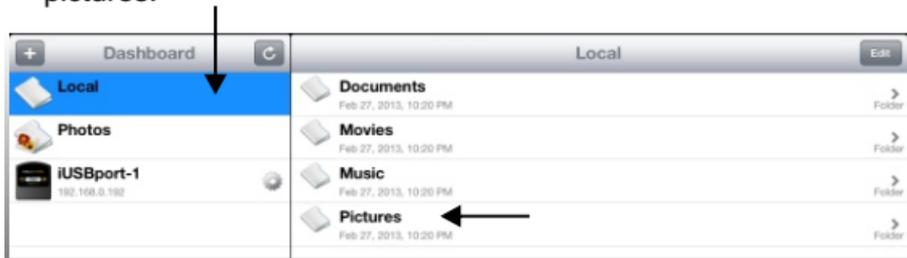
The transfer progress is also displayed on the iUSBport CAMERA's LCD.



File Manager (Received Pictures)

All received pictures are stored in the local storage of mobile device (e.g. iPad). You can copy or delete received pictures in the file manager.

- 1 In 'iUSBport' App, select 'Local' - 'Pictures' to access received pictures.



- 2 Tap 'Edit' icon to copy or delete selected pictures.



Live View & Focus Selection

- 1 Tap  icon to enter 'Live View' mode.

Not all DSLR support this function. Please check compatible camera list at www.hyperdrive.com

- 2 Touch anywhere in the live view image to instruct camera to focus on that point. The focus indicator will display for a few seconds.



If you trigger the shutter during AF driving, camera will stop AF driving and capture image immediately. Therefore, you will get an unfocused image.

For most cameras by default, the exposure metering point is not the same as the AF point. Please refer to your camera user manual for more information.

- 3 Tap  icon again to exit from 'Live View' mode.

Video Record Mode

- 1 Tap  icon to enter 'Video Record' mode.

Not all DSLR support this function. Please check compatible camera list at www.hyperdrive.com

- 2 Touch anywhere within live view area to focus on that point.
- 3 Tap  icon to start video recording. A red dot will blink at the top right corner of the live view area to indicate that video recording is in progress..



Please pay attention to the video recording operation. Even if the mobile device (e.g. iPad) goes to sleep, the camera is still recording.

- 4 Tap  icon again to stop video recording.

Client Mode

- 1 Tap  icon to enter Client mode.
- 2 In Client mode, remote camera controls from the mobile device (e.g. iPad) are disabled. You can operate your camera and take pictures freely. All captured pictures will be transferred to the mobile device in the background.

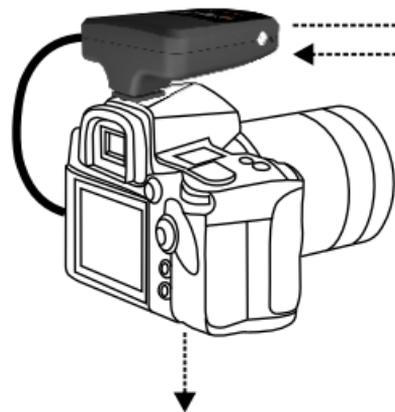


- 3 Tap  icon again to exit from Client mode.

Multiple Clients

The controller of iUSBport CAMERA is able to share captured images with another user by tapping  icon.

Once the 2nd user launches up 'iUSBport' App and connects to the same iUSBport CAMERA, the app will enter client mode automatically.



Controller / Sharer

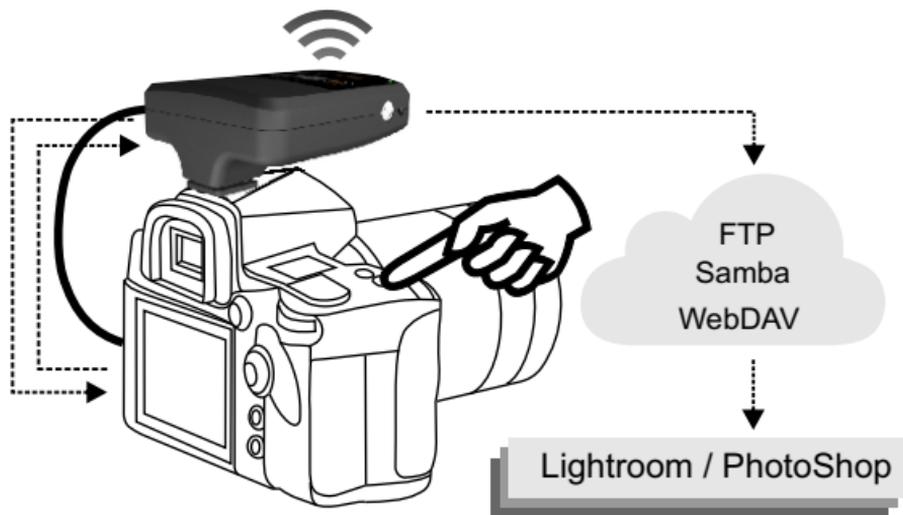


The 2nd User / Client

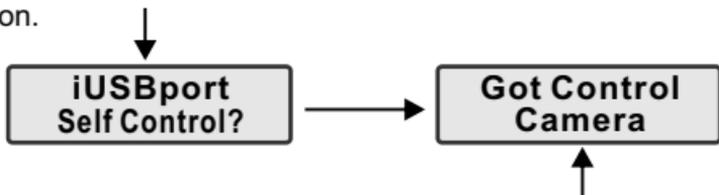
Only one additional client can be connect to a master controller / sharer.

Self Control Mode

iUSBport CAMERA is able to act as a master even if there is no mobile device (e.g. iPad) and other master device. It is useful to provide captured pictures to a wide range of network clients via standard TCP/IP protocol. This mode is similar to 'Client' mode. But instead of copying the captured images to the mobile device (e.g. iPad), they will be copied to the internal 4GB flash of iUSBport CAMERA.



- 1 Once iUSBport CAMERA displays 'Self Control?', press power button.



- 2 iUSBport CAMERA then displays 'Got Control'.

Accessing Internal Flash

In Client and Self Client mode, captured pictures are saved to the internal flash. The internal flash can be accessed by WebDAV, FTP, Samba and HTTP protocol.

Access internal flash via HTTP:

- 1 Connect your Wi-Fi device to iUSBport CAMERA.
- 2 Enter 'http://192.168.0.1' (Adhoc Mode) in the URL address bar of Safari or Chrome web browser.
- 3 All the shared pictures are located in '/C/CameraShare' folder.



Some photography software (e.g. Lightroom) can monitor a network folder (e.g. stored on iUSBport CAMERA) for new images to import automatically. Please refer to your software manual or visit our website for assistance.

Connecting To USB Storage Device

1 Plug USB storage into USB port

2 The name of storage device is displayed

iUSBport
Cruzer Micro



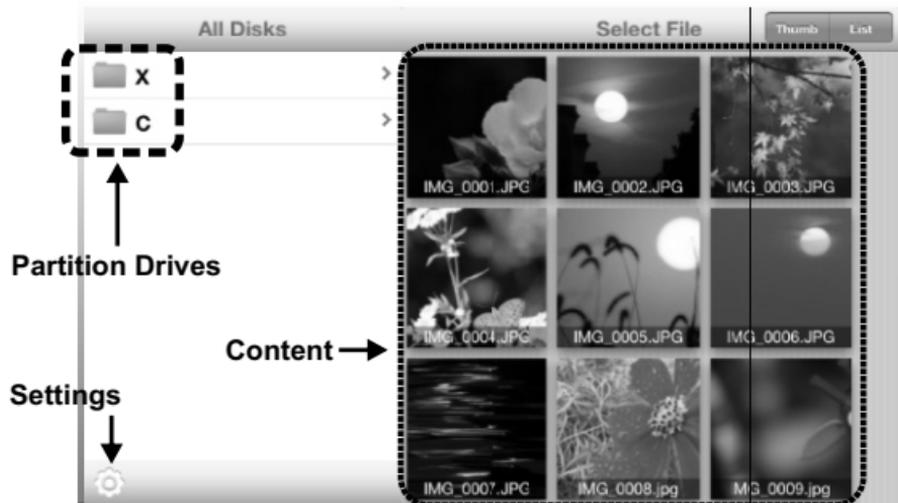
3 If storage device is recognized, it's capacity will be displayed at the top of LCD.

1.79GB



4 Enter 'http://192.168.0.1' or 'http://usb' in the URL address bar of the web browser.

The contents of the USB device will be displayed in the browser.



Standard Network Service List

There are several standard network servers in iUSBport CAMERA, such as FTP, DLNA, WebDAV and Samba servers. iUSBport CAMERA can be accessed by standard FTP, DLNA, WebDAV or Samba client software. FTP, WebDAV and Samba servers support read and write operation if the storage device is 'FAT32' or 'NTFS'

FTP Settings

FTP server IP address: **192.168.0.1** (Access Point mode)
(In infrastructure mode, use IP address that is shown on iUSBport LCD)
FTP server TCP/IP port number: 21
FTP server user name: anonymous
FTP server password: <none>

WebDAV Settings

WebDAV server IP address: **http://192.168.0.1:81/webdav**
(Access Point mode)
(In infrastructure mode, use IP address that is shown on iUSBport LCD)
WebDAV server user name: <none>
WebDAV server password: <none>

Samba Settings

Samba server IP address: **192.168.0.1** (Access Point mode)
(In infrastructure mode, use IP address that is shown on iUSBport LCD)
Samba server TCP/IP port number: **139**
Samba server user name: Guest
Samba server password: <none>

Connecting iUSBport to an existing WiFi network

If you want your mobile device (e.g. iPad, iPhone, smartphone, tablet, computer etc.) to access iUSBport CAMERA and the Internet at the same time, you will need to connect iUSBport CAMERA to an existing WiFi network. This mode is called "Infrastructure Mode". In this mode, you can access iUSBport CAMERA with your mobile device and remain connected to the Internet at the same time.

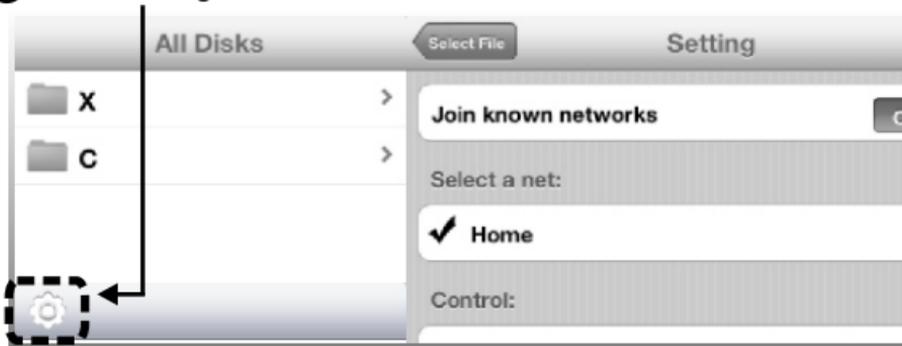


Tip

The default network mode of iUSBport CAMERA is 'Access Point' mode. In order to switch to 'Infrastructure' mode, first turn on your wireless router. When the wireless router is working properly, turn on iUSBport CAMERA. If iUSBport CAMERA is powered on before the wireless router is turned on, iUSBport CAMERA will not be able to find the wireless router.

Connect iUSBport to an existing WiFi network

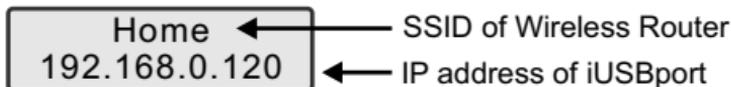
- 1 Click "Setting"



- 2 Turn on 'Join known networks'.
Select the existing wireless network you want to join.

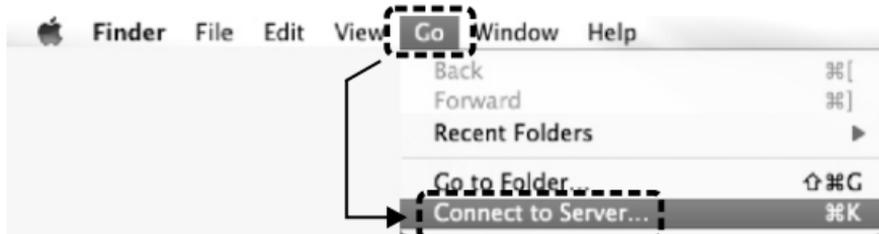


- 3 Enter the network password, then click 'Done' to save the password. There will be no indication if the network password is correct or not until iUSBport restarts. If the network password is correct, iUSBport LCD screen will display the wireless router SSID and IP address that is assigned by the wireless router to iUSBport.

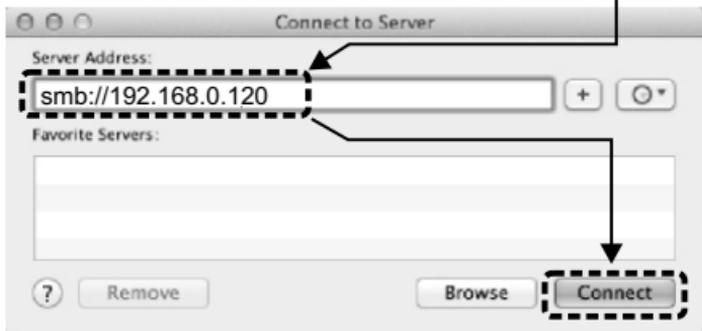


Accessing iUSBport in Mac OS

- 1 In the Finder Window, select 'Connect to Server' from the 'Go' menu.



- 2 Enter the IP address of iUSBport (in the format smb://<IP address>) in the 'Server Address' text box.



- 3 Select 'Guest' and 'Connect'.



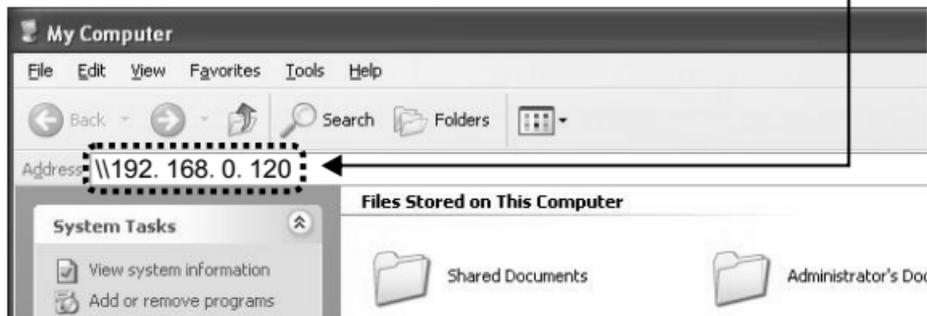
Accessing iUSBport in Windows

- 1 Open 'My Computer' ;

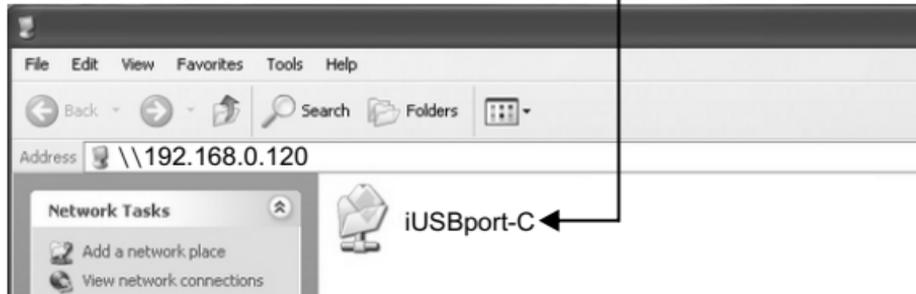


Enter the IP address of iUSBport in the address bar;

NOTE! Add two backslash before the IP address!



- 2 Click 'Go' or press Enter on the keyboard, and the iUSBport drive will show on the window.



- 3 Click 'iUSBport' to access the contents of iUSBport.

Upgrading the Firmware

The firmware of iUSBport CAMERA can be upgraded to add new features and to address any software bugs.

- 1 Download firmware which should be named **IUSBPCAM.SEF**
- 2 Copy **IUSBPCAM.SEF** to the root folder of USB storage device.
- 3 Insert this USB storage device into iUSBport and it will display the following update message: ↓

Update
V?? -> V31 ?

- 4 Press power button once to start updating.

Updating...
Erasing 19%

Erasing flash memory

Updating...
Writing 77%

Writing flash memory

Updating...
Verifying 25%

Verifying firmware

Update OK

Update successful

Shutdown

System will power off

Specifications

Model:	iUSBport CAMERA
USB Port:	USB2.0 High Speed 480MBps
Wireless:	WiFi 802.11b/g/n
LCD:	Mono STN 132*32
Charging Rate:	DC 5V 1A
Battery:	3300mAh Li-Poly
Internal Flash:	4GB
Standard Accessories :	USB Charging Cable x 1 USB Cable x 1 Getting Started Guide x 1
Wireless Mode:	Access Point Mode Infrastructure Mode
Camera Control:	Canon/Nikon PTP Protocol
Network Service:	Web Server with extension FTP Server/Samba Server/DLNA Server WebDAV Server

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