HDW-P500U3

Installation Guide

Table of Contents

Overview

<u>Supported File Formats for iPhone/iPad app:</u>

1. Video

- m4v, mp4, mov (using H.264 or Mpeg-4 codec only and must be DRM free)

2. Audio

- AAC (NO-DRM), AIFF, Apple Lossless, Mp3, WAV

3. Pictures (Viewable Only)

- JPG, BMP, TIF, PNG, and GIF

4. Documents (Viewable Only)

- ppt (Power point), xls (Excel), .docx or .doc (Word), pdf

Requirements

The following procedures are instructions on how to establish a connection with the HDW-P500U3. Please make sure you have the following requirements.

<u>Hardware Requirements</u>

● PC or Mac computer with USB 3.0/2.0 port (For Samba sharing, file transfer, or to access the HDW-P500U3 Connect user interface)

● iPhone (3G or better), iPad (1 or better) or iPod Touch (2nd generation or better)

● Android device and Tablet

● NTFS formatted 2.5 inch hard drive

Requirements

<u>Software Requirements</u>

● Windows XP/Vista/7 or higher

● Mac OSX 10.5 or higher

● HDW-P500U3 Connect application for IOS (IOS 4.0 or higher)

● HDW-P500U3 Connect application for Android (Android phone 2.3 or 3.0 for tablets)

● Web browser to access the User Interface (IE 6 or better, Firefox 3 or better, or Safari 4 or better)

Section I

Connecting to the HDW-P500U3 using an iPhone, iPod Touch or iPad

1. Press the "Settings" button on your device.

2. Select the "General" tab.

3. Select the "Wi-Fi" tab. Your device will be searching for any wireless hotspot within in range (See screenshot below).

Section I

4. Select the hotspot called "WiFi DAS".

Section I

5. Make sure an IP address has been assigned

   (10.10.10.xxx)

6. Once the connection is established, launch the

   HDW-P500U3 Connect iOS application. This "App" can

   be downloaded App store.

Section I

7. Once you have open the application you will be able to browse the HDW-P500U3.

Section II

Navigating the HDW-P500U3 Connect Application

The following is a description of the icons that appears in the home screen:

- WiFi DAS – This is where you can view files that are in the HDW-P500U3.

- MyDevice – This folder contains files that were downloaded from the HDW-P500U3 to your phone or tablet.

- Upload – This is where you can upload from your phone or tablet to the HDW-P500U3. At the moment you can only upload pictures or videos that are in your device's photo library.

- Download- This is where you can download files from the HDW-P500U3 and store them to your phone or tablet.

- Settings- This is where you can change the settings for the HDW-P500U3.

Section II

Playing Music

1. Select the audio file that you wish to play.

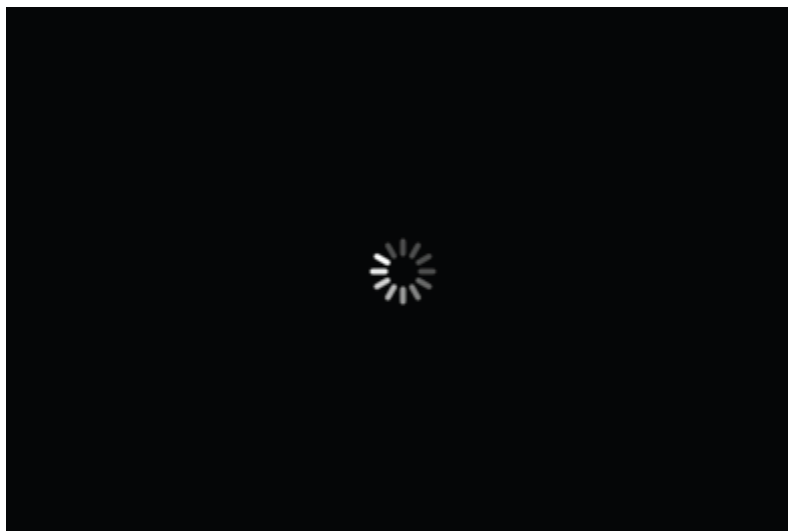2. Once the song begins to play the music player will

appear.

3. Select the "Back" button if you wish to return to the main

Section II

Playing Video

1. Select the video file that you wish to play.

2. Once the video has been selected it will need to load.

3. Once the video finishes loading it will start playing
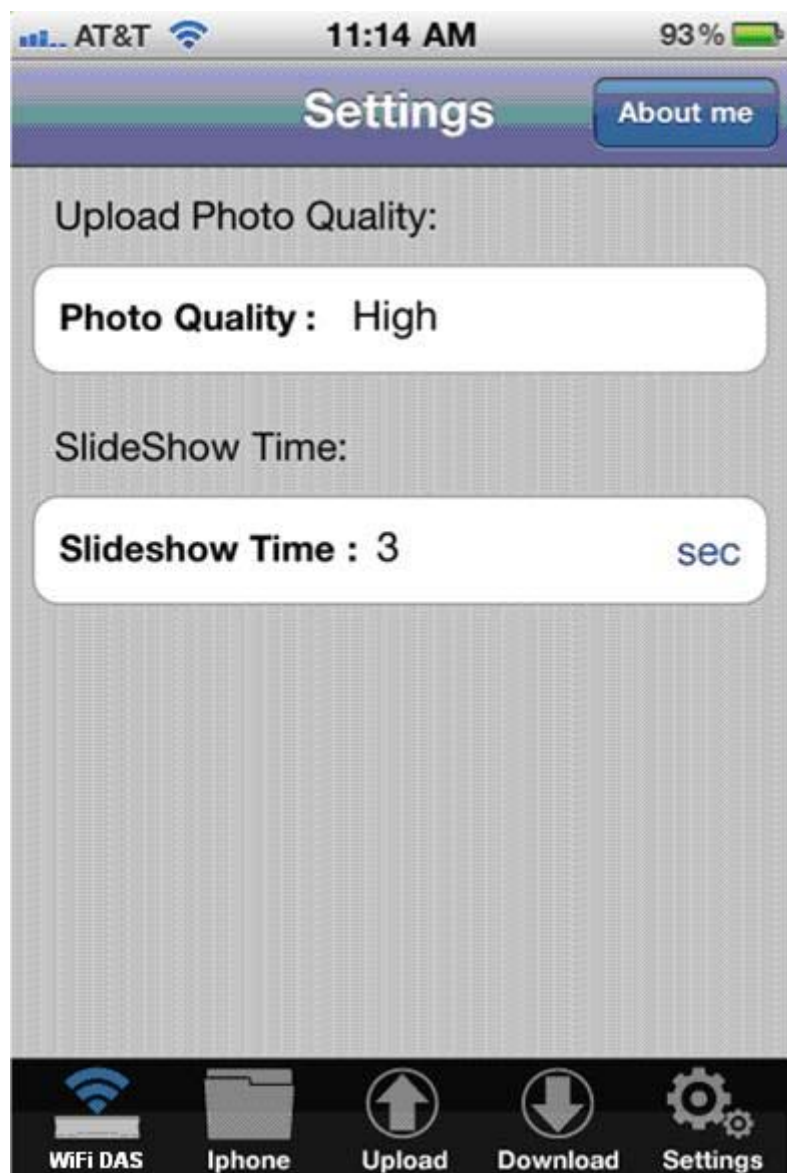
Section II

Viewing Photos

1. Select the photo you wish to view.

2. Once you have selected the photo the picture viewer will

start.

Pressing the "Play" button will begin the slideshow
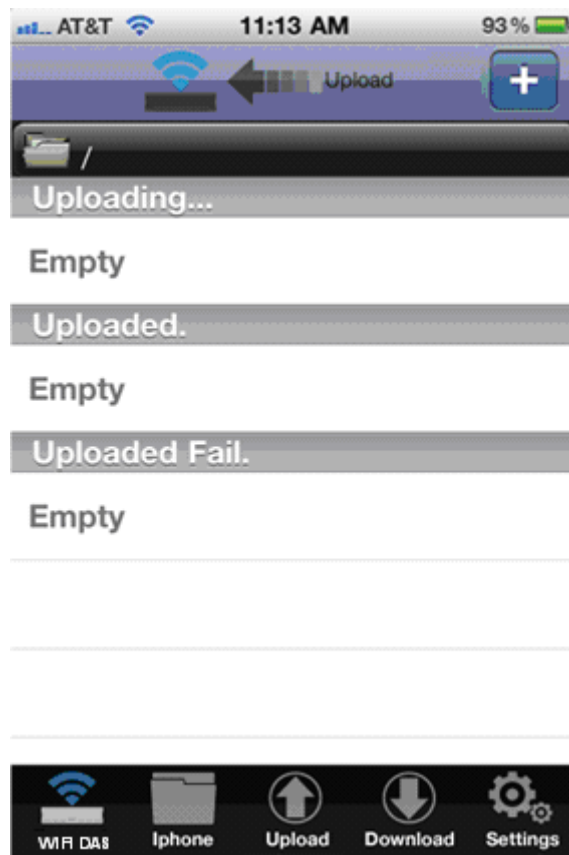
Section II

The slide show settings can be changed by pressing the

"Settings" tab on the main screen.

Section II

Uploading photos/video to HDW-P500U3

1. Select the "upload" tab.

2. The upload screen will then appear.

3. Press the "+" button.

4. Select the files that you wish to upload to the

HDW-P500U3. Once the files have been chosen, press the

"upload" button. This should start the upload process to the

HDW-P500U3.

Section II

Downloading files from HDW-P500U3 to your phone or tablet

1. Select the "download" tab.

2. The download screen will then appear.

3. Press the "+" button.

4. Select the files that you wish to download from

    HDW-P500U3. Once the files have been chosen, press

    the "download" button. This should start the download
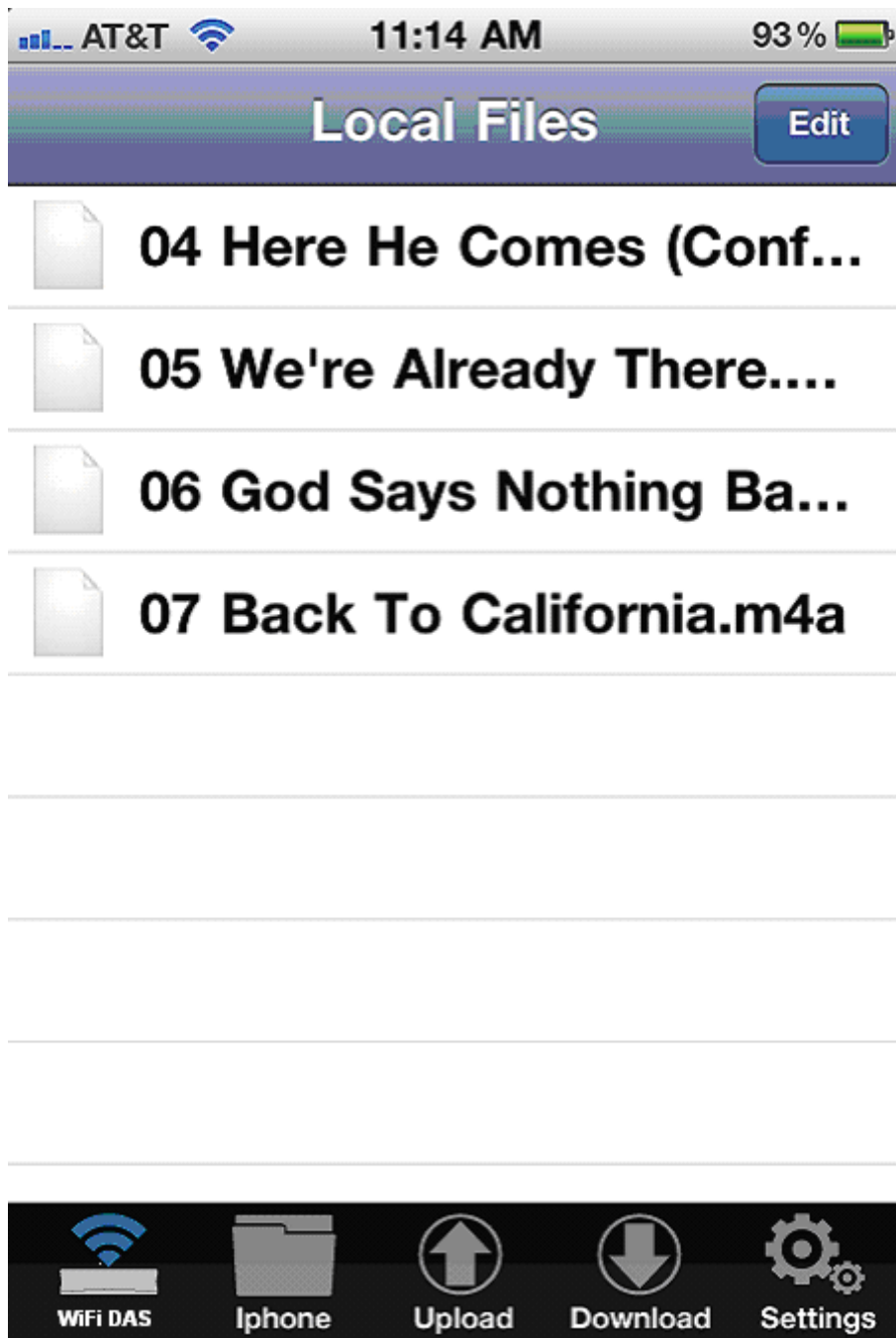
    process from HDW-P500U3 to your device
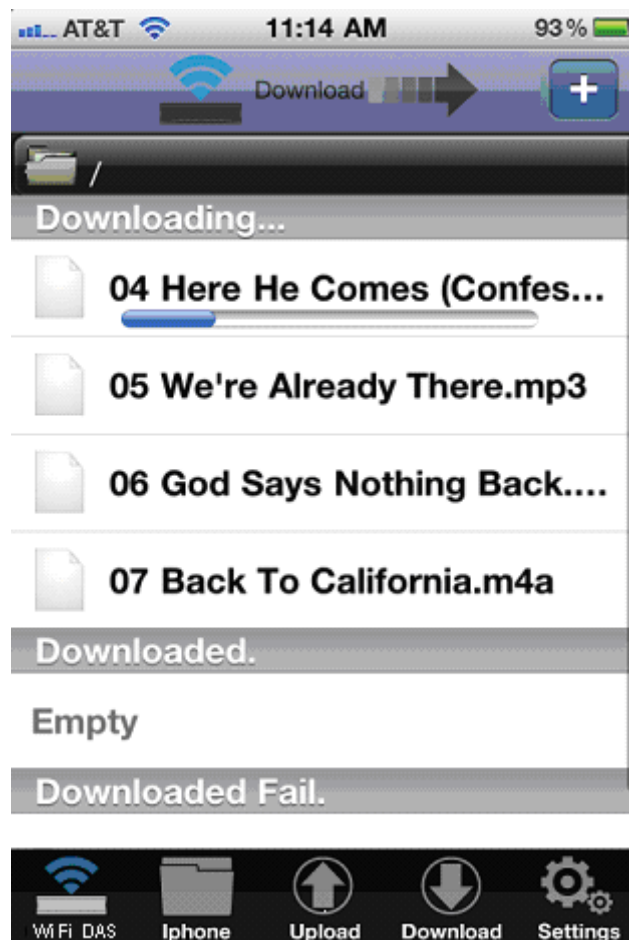
Section II

5. Files that have been downloaded are located in the

"MyDevice" folder.

Section II

Create/Copy/Move Files or Folders

1. Select the "MyDevice" folder tab.

2. Select the "edit" tab.

3. You can now create a new folder, in order to move or
   copy files to.

Section II

4. In order to copy/move a file you will need to select the files.

5. Choose the files or folders that will be copied or moved.
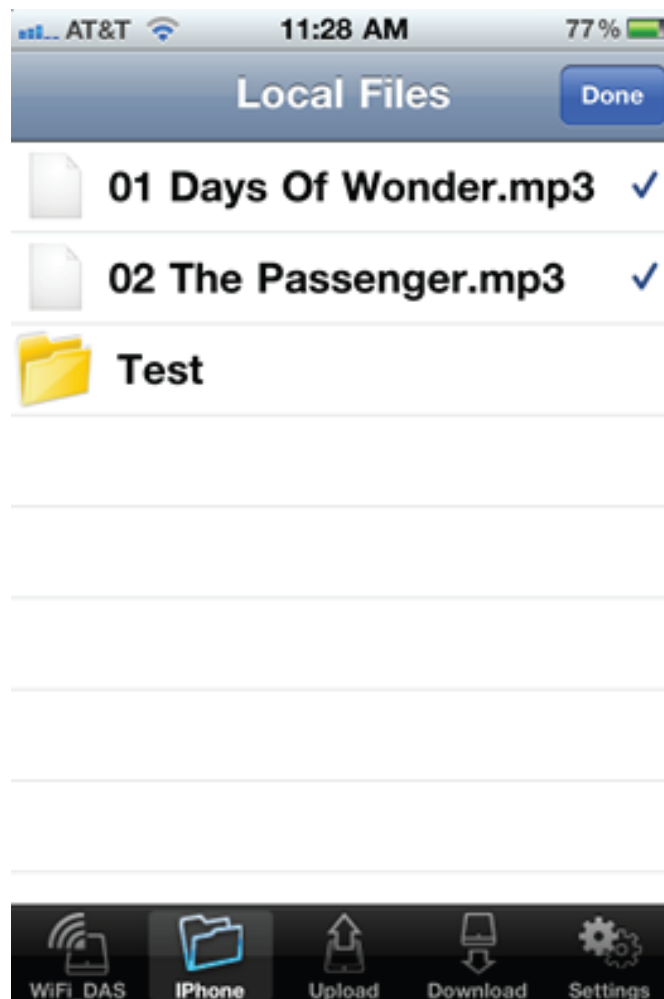
6. Once the files have been chosen press the "Done" tab.

7. Select the new folder that was created.

Section II

8. Press the "edit" tab. A new screen will appear.

9. Press the "paste" tab. The files that were selected will

now be copied/moved to the new folder.

Section III

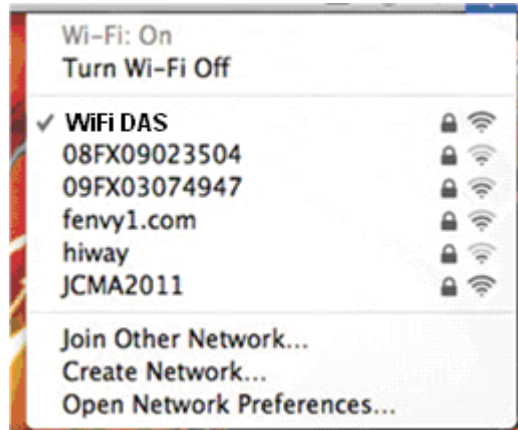Connecting to the Wi-Fi Settings of Your Operating System

1. Navigate to the Wi-Fi settings of your operating system

Window 7

Section III

OSX

2. Select the hotspot called "WiFi DAS".

3. Make sure an IP address has been assigned.

Section III

<u>Mounting the Hard Drive</u>

Once you have connected your computer to the WiFi DAS, the device should appear within your home network. If the device does not appear you will need to manually connect to it using the Samba commands. The following procedures are for OSX and Windows.

<u>OSX</u>

1. Click on The "Finder" icon on your dock.

2. Navigate to the upper taskbar and select "Go".

3. Click on "Connect to Server".

4. In the "Server Address" space, type in **smb://10.10.10.254**
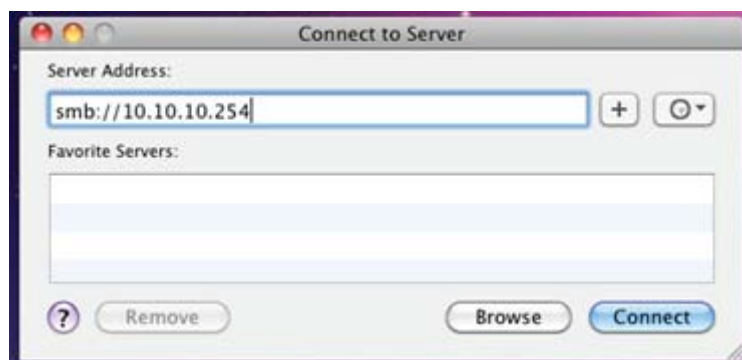
5. The system will prompt you for a username and password. Both the username and password are "admin".

6. The drive will then mount on your desktop.

Section III

<u>Windows</u>

1. Click on The Windows icon on your taskbar.

2. In the "search programs and files" box, type in

\\10.10.10.254
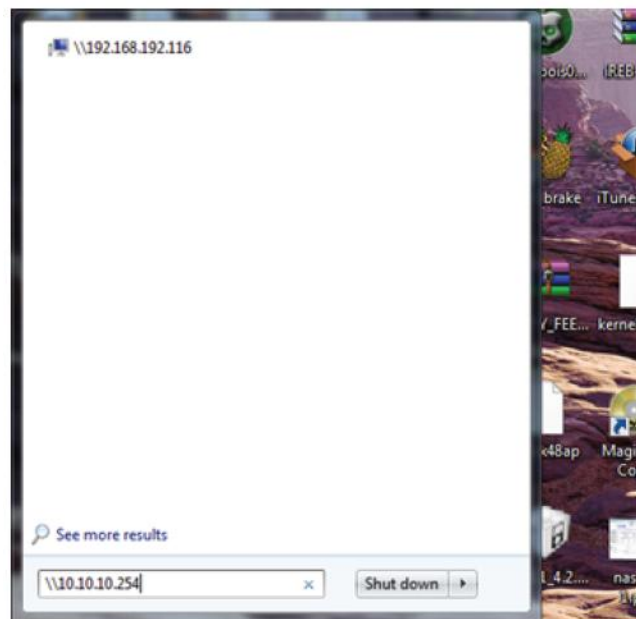
3. The system will prompt you for a username and

password. Both the username and password are

"admin".

4. The drive will then mount under windows explorer.

Section IV

Accessing the WiFi DAS GUI

The HDW-P500U3 also includes a user interface that

allows

users to change certain settings such as; network security,

SSID, passwords, Static IP address, etc. The following

procedures work on both PC and Mac.

1. Open a web browser (IE, Firefox or Safari)
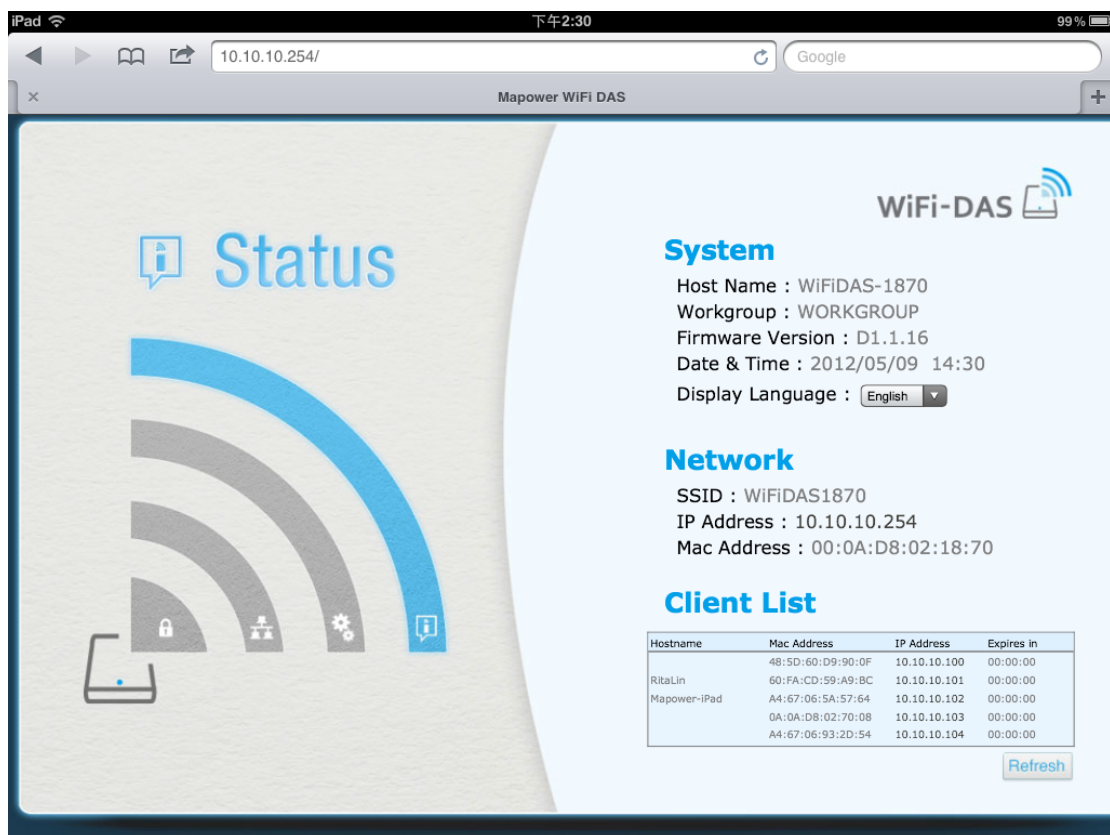
2. In the address bar type in the following:

http://10.10.10.254

Section IV

3. The system will prompt you for a username and
password. Both the username and password are "admin".

4. Once the username and password has been entered the
following page will appear.

Appendix

Specifications

Wireless LAN Interface	
Standard Compliance	IEEE802.11n/g/b
Transmission Method	Direct Sequence Spread Spectrum (DSSS), OFDM
Transmission Rate 802.11n/g/b	802.11n : 150Mbps Maximum 802.11g : 54Mbps Maximum 802.11b : 11Mbps Maximum
Frequency Range	2,412 - 2,462 MHz (Channels 1 - 11)
Access Mode	Infrastructure Mode, WDS
Security	AOSS, WPS, WPA2-PSK (TKIP/AES), WPA-PSK (TKIP/AES), 128/64bit WEP
USB Interface	
Interface	USB 3.0 (USB 2.0)
Connector	Micro-B
Transfer speed	USB 3.0 : 5 Gbps Maximum USB 2.0 : 480 Mbps Maximum
Other	
Power Supply	External AC 100 - 240 V Universal, 50/60 Hz DC 5 V ± 5 %
Power Consumption	TBD
Dimensions	127 x 79 x 22 mm (5 x 3.2 x 0.9 in.)
Weight	TBD
Operating Environment	TBD

Regulatory Compliance Information

Federal Communication Commission Interference Statement

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 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 of the following measures:

- Reorient 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.

FCC Caution:

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

SAR information: 0.263 W/kg (1g)

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Important Note - FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0.5cm between the radiator & your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

Industry Canada statement:
Industrie Canada déclaration:

This Class B digital apparatus complies with Canadian ICES-003.
This device complies with RSS-210 of the Industry Canada 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.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes:
(1) le dispositif ne doit pas produire de brouillage préjudiciable, et
(2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Important Note - Radiation Exposure Statement:
Note Importante - Déclaration d'exposition aux radiations:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0.5cm between the radiator and your body.

This device has been designed to operate with an antenna having a maximum gain of [5] dB. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 0.5 cm de distance entre la source de rayonnement et votre corps.

Ce dispositif a été conçu pour fonctionner avec une antenne ayant un gain maximal de dB [5]. Une antenne à gain plus élevé est strictement interdite par les règlements d'Industrie Canada. L'impédance d'antenne requise est de 50 ohms.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peutfonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pourl'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectriqueà l'intention des

autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que lapuissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire àl'établissement d'une communication satisfaisante.

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/5/EC:

EN60950-1: 2006 +A11: 2009
Safety of Information Technology Equipment

EN50385 : (2002-08)
Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110MHz - 40 GHz) - General public

EN 300 328 V1.7.1: (2012-04)
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

EN 301 489-1 V1.9.2: (2011-09)
Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN 301 489-17 V2.1.1 (2009-05)
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

EN 62209-2:2010: Part 2:
Procedure to determine the specific absorption rate (SAR) for mobile wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France and Italy where restrictive use applies.

In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 – 2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

CE 0560 ①

Česky [Czech]
Buffalo Technology Inc. tímto prohlašuje, že tento HDW-P500U3 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.

Dansk [Danish]
Undertegnede Buffalo Technology Inc. erklærer herved, at følgende udstyr HDW-P500U3 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Deutsch [German]
Hiermit erklärt Buffalo Technology Inc. dass sich das Gerät HDW-P500U3 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.

Eesti [Estonian]
Käesolevaga kinnitab Buffalo Technology Inc. seadme HDW-P500U3 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

English
Hereby, Buffalo Technology Inc. declares that this HDW-P500U3 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Español [Spanish]
Por medio de la presente Buffalo Technology Inc. declara que el HDW-P500U3 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Ελληνική [Greek]
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Buffalo Technology Inc. ΔΗΛΩΝΕΙ ΟΤΙ HDW-P500U3 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Français [French]
Par la présente Buffalo Technology Inc. déclare que l'appareil HDW-P500U3 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Italiano [Italian]
Con la presente Buffalo Technology Inc. dichiara che questo HDW-P500U3 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Latviski [Latvian]
Ar šo Buffalo Technology Inc. deklarē, ka HDW-P500U3 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių [Lithuanian]
Šiuo Buffalo Technology Inc. deklaruoja, kad šis HDW-P500U3 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Nederlands [Dutch]
Hierbij verklaart Buffalo Technology Inc. dat het toestel HDW-P500U3 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Malti[Maltese]
Hawnhekk, Buffalo Technology Inc. , jiddikjara li dan HDW-P500U3 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Magyar [Hungarian]
Alulírott, Buffalo Technology Inc. nyilatkozom, hogy a HDW-P500U3 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.

Polski [Polish]
Niniejszym Buffalo Technology Inc. oświadcza, że HDW-P500U3 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

Português [Portuguese]
Buffalo Technology Inc. declara que este HDW-P500U3 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Slovensko [Slovenian]
Buffalo Technology Inc. izjavlja, da je ta HDW-P500U3 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

Slovensky [Slovak]
Buffalo Technology Inc. týmto vyhlasuje, že HDW-P500U3 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Suomi [Finnish]
Buffalo Technology Inc. vakuuttaa täten että HDW-P500U3 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svensk [Swedish]
Härmed intygar Buffalo Technology Inc. att denna HDW-P500U3 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

SAR information: 0.095 W/kg (10g)

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this manual and of the computer manufacturer must therefore be allowed at all times to ensure the safe use of the equipment.

根據 NCC 低功率電波輻射性電機管制辦法：

第十二條：

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條：

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없음

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