

Wi-Reader (DW09) Quick Guide



Copyright © 2011, Carry Technology Co., Ltd. All Right Reserved

Table of Content

Chapter 1: Introduction	2
1.1 Introduction	2
1.2 Hardware Features	3
1.3 Software Features	4
1.4 Package Contents	4
Chapter 2: Hardware Installation	5
2.1 How to install Network function	5
2.2 How to start reader and charger function	5
2.3 Interface & LED Indicators Description	6
Chapter 3: Wireless and Network Setup	8
3.1 Default Network setting for Wi-Reader	8
3.2 Configure Network setting for Wi-Reader	8
Chapter 4: How to use Wi-Reader Storage Function	16
4.1 Use Wi-Reader Storage Function by Native Browser – Safari	16
4.2 Use Wi-Reader Storage Function by OPlayerHD Lite (Free App)	19
4.3 Use Wi-Reader Storage Function by GoodReader (Paid App)	22

Chapter 1: Introduction

1.1 Introduction

Thank you for purchasing Wi-Reader Mobile Multi-purpose Wireless Storage device.

Wi-Reader is a portable wireless AP/Router with up to 150Mbps transmission rate. It supports two main working modes: Wireless storage (UFD or SD etc...) and Wireless Router / AP (Access Point). For Wireless Storage function, it can support **HTTP File Server** for iPad / iPhone native browser like **Safari** or iOS App **OPlayerHD Lite** and **FTP File Server** for iOS App like **GoodReader** based on storage device with **FAT32** and **NTFS** File System. You can only use one storage device (SD / UFD) at the same time.

Wi-Reader can be powered from PC/Notebook with USB port. Wi-Reader has embedded battery, you can use the power for charging the embedded battery of Wi-Reader.

1.2 Hardware Features

Standard	IEEE 802.11b/g/n standards compliant
Wireless LAN	1T1R Mode (150Mbps)
Antenna	Internal PIFA 2 dBi antenna
Interface	<ul style="list-style-type: none"> • Mini-USB Port for PC/Charger Mode • RJ45 (WAN Port) • Reset (10Sec) / WPS (4Sec) button • Slide Switch for PC / Wi-Fi Mode • USB Port for UFD (Below 500mA) • Memory Card I/F for SD/SDHC/SDXC
Frequency Range	2.400 ~ 2.4835 GHz (subject to local regulations)
Number of Selectable Channels	802.11n 20MHz/40MHz 802.11b/g USA, Canada (FCC): 11 channels (2.412GHz ~2.462GHz) Europe (CE): 13 channels (2.41GHz~2.472GHz) Japan (TELEC): 14 channels (2.41GHz~2.4835GHz)
Data Rate	802.11n: up to 150Mbps 802.11g: 6,9,12,18,24,36,48,54Mbps 802.11b: 1,2,5.5,11Mbps
Coverage Area	Up to 3 times faster than existing 802.11b/g product
LED	Power/Battery Low (Green/Red) LED, Wireless (Blue) LED, Media In/Busy (Green) LED and USB Charger LED (Red) Embedded
Li-Polymer Rechargeable Battery	The Rechargeable Battery provides up to 3-hour of operation time

1.3 Software Features

WAN	<ul style="list-style-type: none"> • DHCP Client • Static IP • PPPoE (for ADSL) • PPTP • L2TP
Networking	<ul style="list-style-type: none"> • DHCP Client/Server • Dynamic DNS
Wi-Fi	<ul style="list-style-type: none"> • 1 Transmit and 1 Receive paths (1T1R) • 20MHz/40MHz bandwidth • Support different SSID • Support Hidden SSID • Support WPS • Support WDS / Extender Mode • High security supported: WEP64/128, WPA, WPA2 AES, WPA2 Mixed • Support QoS
Embedded File System for SD/SDHC/SDXC, USB Flash Drive	<ul style="list-style-type: none"> <i>FAT16 File System</i> <i>FAT32 File System</i> <i>exFAT File System</i> <i>NTFS File System</i>

1.4 Package Contents

The package contains the following items

- 1 x Wi-Reader (DW09)
- 1 x USB Cable
- 1 x Quick Guide

Chapter 2: Hardware Installation

2.1 How to install Network function

After you unpack the box, please make sure all the components are completed. If you don't want to install Ethernet cable for Wi-Reader, please skip Chapter 2.1.

Follow the below steps to setup the Wi-Reader:

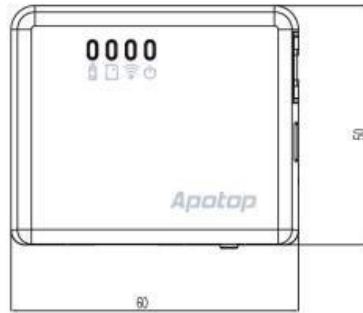
1. Connect the Ethernet cable to the Wi-Reader WAN port
2. Connect the other end of the Ethernet cable to the ADSL

2.2 How to start reader and charger function

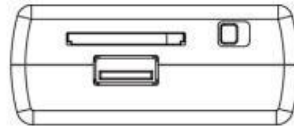
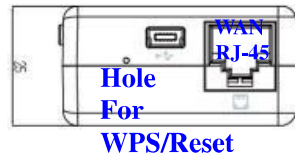
Follow the below steps to setup the Wi-Reader:

1. Connect the Mini-USB cable to the Wi-Reader Mini-USB connector if you want to connect to PC/Notebook or charge the embedded battery of Wi-Reader
2. Connect USB Type-A connector of Mini-USB cable to PC/Notebook with USB port for charging the embedded battery of Wi-Reader

2.3 Interface & LED Indicators Description



Mini-USB connector for connecting PC or Power Adapter



Power On / Off Slide Switch:

“Power On” for enabling Wi-Fi mode

“Power Off” for charging and reader mode

LED Indicators on top panel: (From R to L):

1. PWR LED / Battery Low LED (Green / Orange):

Indicates Wi-Reader is Power On for Wi-Fi mode (Green color).

Indicates the power of embedded battery is keeping in Low stage (Orange color).

2. Wi-Fi LED (Blue):

Indicates the Wireless LAN is keeping in working stage.

3. Access LED (Green):

Indicates Media In/Out and R/W Access LED.

4. Battery Charger LED (Red):

Indicates the External power (USB DC5V) is charging the embedded battery of Wi-Reader.

*** Charger LED will turn off when charging is finished**

5. WPS (4Sec) button under the bottom side :

This feature will allow a client with WPS feature (For Example: Windows 7) on automatically synchronize with Wi-Reader security setting.

First, please make sure you had powered on the Wi-Reader, Then you can use a kit to press the WPS button from the **Hole about 4 seconds** for enabling WPS function when connecting Wi-Fi network and asking the password on Windows 7.

6. Reset (10Sec) button under the bottom side:

First, please make sure you had powered on the Wi-Reader, Then you can use a kit to press the Reset button from the **Hole above 10 seconds** for recovering **Default Network setting**.

Chapter 3: Wireless and Network Setup

This chapter is to describe how to configure Network of Wi-Reader. **If you don't want to update any Network setting, please skip this Chapter (Chapter 3).**

3.1 Default Network setting for Wi-Reader

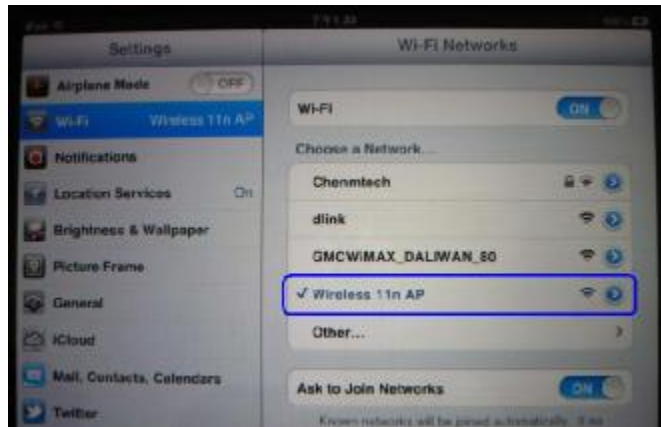
IP address	10.10.1.1
Subnet mask	255.255.255.0
Username	OFF
Password	OFF
Operation Mode	Gateway
DHCP	Server Mode
SSID	Wi-Reader
Channel	Auto
Security	OFF

3.2 Configure Network setting for Wi-Reader

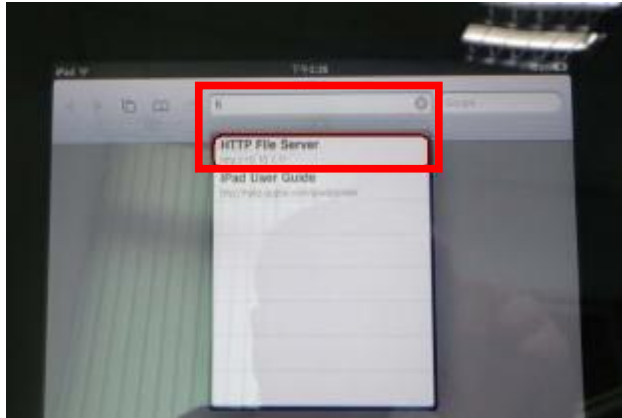
The following setup wizard will guide you to configure access point for first time. **Please follow the setup wizard step by step.**

1. Power on the Wi-Reader and wait about 40 sec

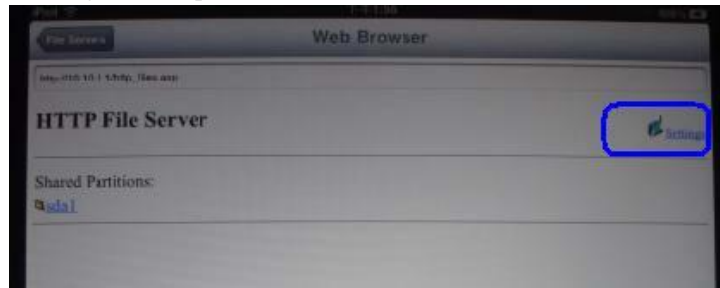
2. Choose a Wi-Fi Network: **“Wi-Reader_xxxxxxx or Wireless 11n AP”**



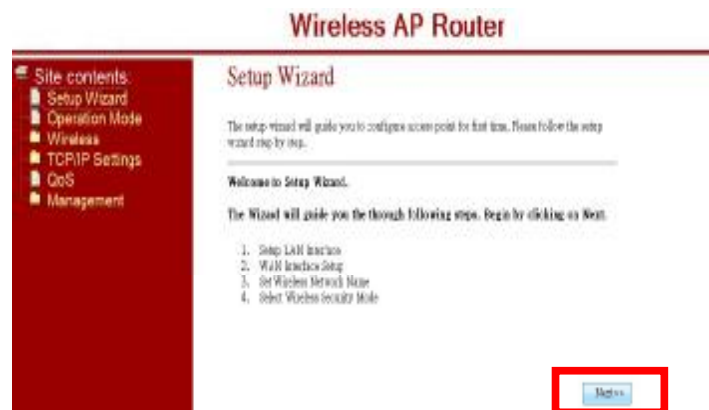
3. Open iPad / iPhone Native Browser – Safari
4. Enter: <http://10.10.1.1/> in URL-address



5. The following screen will show up and click **“Settings”** on Right and Up corner.



6. Refer to the following Web U/I and click **“Next”**.



7. LAN Interface Setup

The following figure is to show how to configure the parameters for local area network connected to the Wi-Reader. **In order to use storage function of Wi-Reader, please don't update the IP addresses, subnet mask for Wi-Reader. Please click "Next" directly to skip it.**

Wireless AP Router

LAN Interface Setup

This page is used to configure the parameters for local area network, which connects to the LAN port of your Access Point. Here you may change the setting for IP address, subnet mask, DHCP, etc.

IP Address:

Subnet mask:

8. WAN Interface Setup

For Example: Select **PPPoE** for **ADSL** on WAN interface. **User Name** and **Password** need to be done and click “Next”. **If there is no network for connecting WAN Port of Wi-Reader, you can keep it in “DHCP Client” and click “Next” directly to skip it.**

Wireless AP Router

WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you can change the access method to static IP, DHCP, PPPoE, PPP or L2TP by click the item value of WAN Access type.

WAN Access Type:

User Name:

Password:

9. Wireless Basic Settings for using different SSID for your Wi-Reader. After updating it, please click “Next” directly.

The screenshot shows the configuration interface for a Wireless AP Router. The main heading is "Wireless AP Router". On the left, there is a "Site contents" menu with options: Setup Wizard, Operation Mode, Wireless, TCP/IP Settings, QoS, and Management. The "Wireless" option is selected. The main content area is titled "Wireless Basic Settings" and includes a description: "This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point." Below this, several configuration fields are visible: Band (24 GHz (E-OFDM)), Mode (AP), Network Type (Infrastructure), SSID (Wireless LAN AP), Channel Width (40MHz), Control Channelband (Wired), and Channel Number (Auto). The SSID field and the "Next" button at the bottom right are highlighted with red boxes.

10. Wireless Security Setting

The following figure is to show setting up the security of the Wi-Reader. Turning on the Wi-Reader security will prevent any unauthorized access to the wireless network and storage device. After updating it, please click **“Finished”** and wait about 20 second for accessing your New SSID.



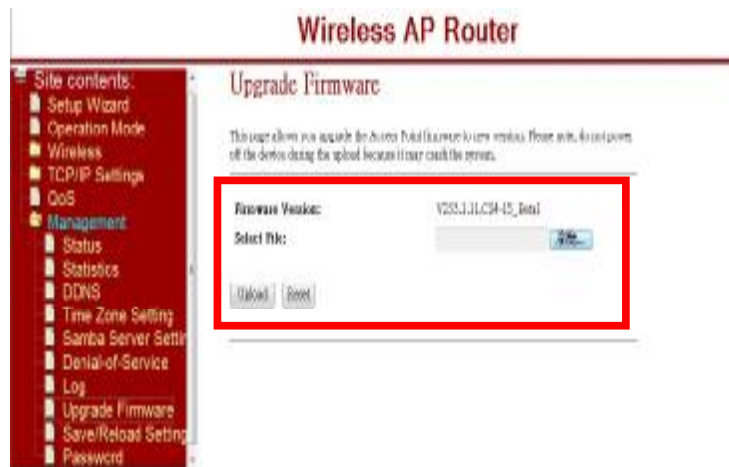
11. Upgrade Firmware

The feature allows Wi-Reader firmware to be upgraded to a new version. Please refer to the following figure for updating firmware.

- It shows the current Firmware version.
- Select the latest firmware file from the local system like PC/Notebook and select Upload.

NOTE:

DON'T TURN OFF THE POWER DURING THE UPLOAD FIRMWARE. FAILURE WILL DAMAGE Wi-Reader.



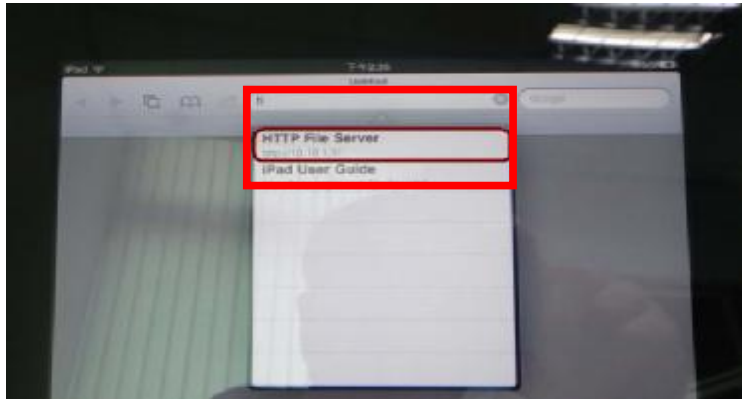
Chapter 4: How to use Wi-Reader Storage Function

1. **Plug Media (like UFD or SD etc...Card) into Wi-Reader and Power On** and wait **Second Green Led Flashed** (about 40 sec)
2. Choose a Wi-Fi Network: **“Wi-Reader”** from Wi-Fi Setting of iPad / iPhone

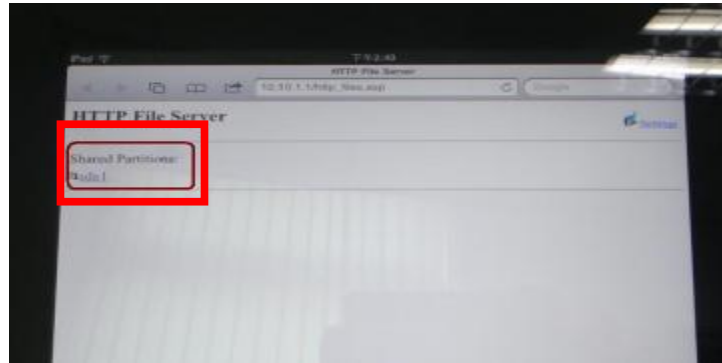
4.1 Use Wi-Reader Storage Function by Native Browser - Safari

4.1.1 Open iPad / iPhone Native Browser – Safari

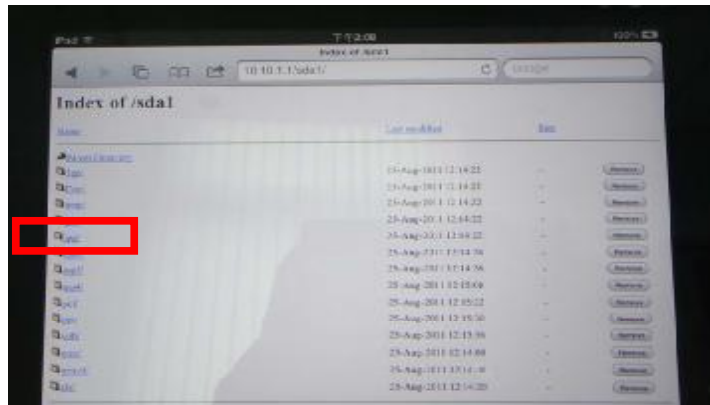
4.1.2 Enter: <http://10.10.1.1/> in URL-address



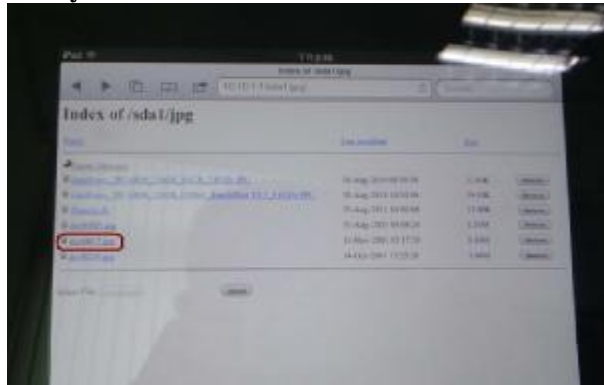
4.1.3 The following screen will show up and click “Wi-Reader or sda1” on the Left marked with Red rectangle.



4.1.4 Refer to the following Web UI for reading storage devices.



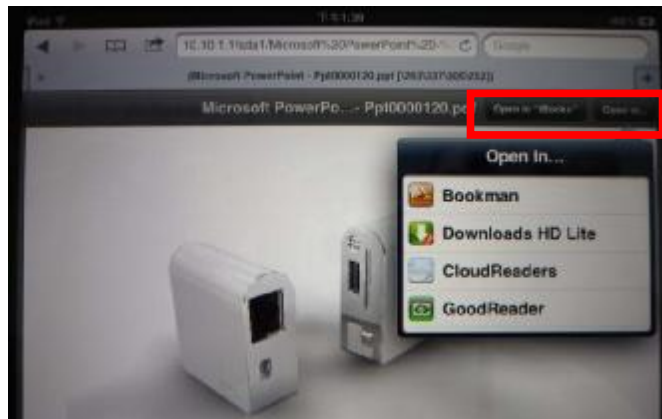
4.1.5 For example: Click “JPG” folder for viewing JPG file in your iPad / iPhone



4.1.6 Besides JPG file, you can also playback MP4 Video file and MP3 etc... Audio file format directly



4.1.7 Support PDF / Word / Excel / PPT etc... file format. Also, you can save it into installed App.



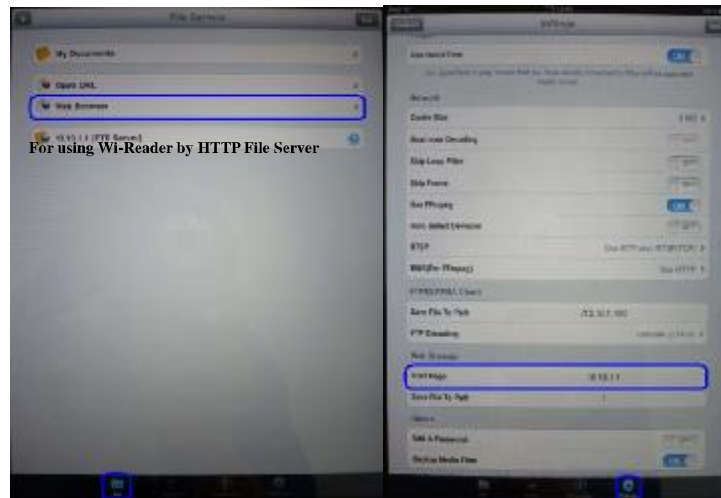
4.2 Use Wi-Reader Storage Function by OPlayerHD Lite App if you had installed OPlayerHD Lite free App on iOS devices. It can support almost any Video formats (WMV / AVI / MKV / RM / RMVB / XVID / MP4 / 3GP / MPG) and Audio formats (MP3 / WMA / RM / AAC) on your iPad / iPhone. Please refer to the following figures.

4.2.1 Open OPlayerHD Lite App

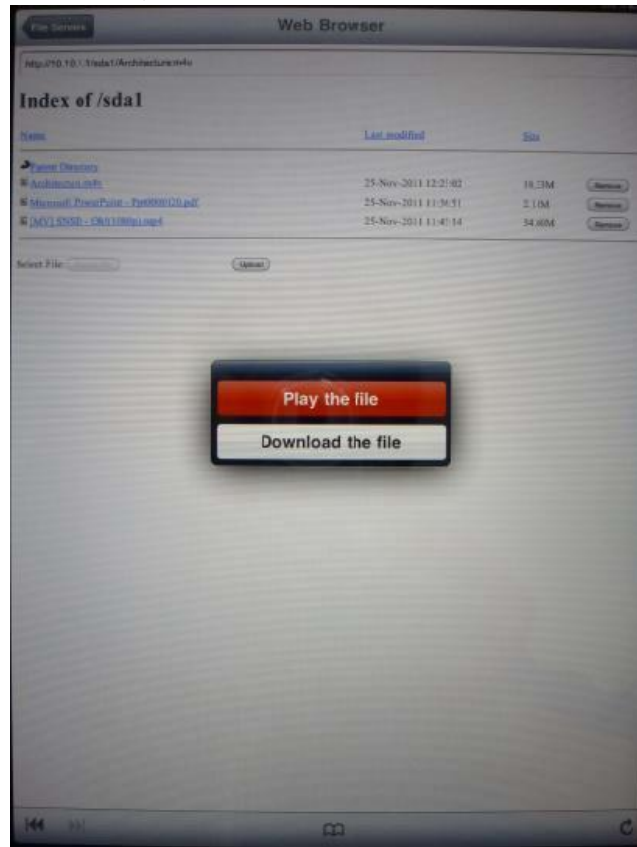
4.2.2 Click "Web Browser" from "File"

4.2.3 Enter: <http://10.10.1.1/> in URL-address

Also, you can save it in default setting.



4.2.4 Click the file for “playing” the file or “downloading” it directly

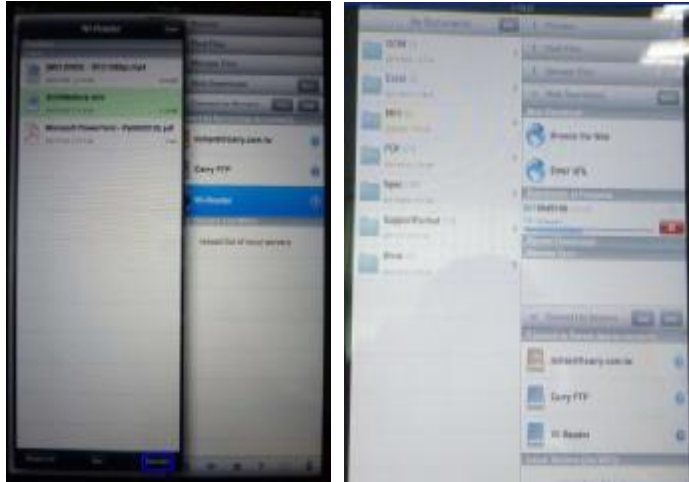


4.3 Use Wi-Reader Storage Function by GoodReader App if you had installed GoodReader Paid App on iOS devices. It can support to upload and download “files or folders” from iPad / iPhone to Wi-Reader.

4.3.1 Add New FTP Server for using Wi-Reader in the first time.
Type “Wi-Reader” for Title; Type “ftp://10.10.1.1” for URL-address; Type “root” for User and click “Save”.



4.3.2 After saving FTP server (Wi-Reader) related info, click “Wi-Reader” icon again, then you can see all the files and folders in Wi-Reader. Also, you can select “files” or “folders” to “Download” it from Wi-Reader into iPad / iPhone. Also, you can see the “Copy Progress Bar” as following figure.



4.3.3 Click “Wi-Reader” and select “Upload” files or “folders” from iPad / iPhone into Wi-Reader. Also, you will see “Copy progress” directly.



FCC Compliance and Advisory Statement

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, according 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 correct the interference by one or more of the following measures:

- 1.Reorient the receiving antenna.
- 2.Increase the separation between the equipment and receiver.
- 3.Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
- 4.Consult the dealer or an experienced radio/TV technician for help.

Any special accessories needed for compliance must be specified in the instruction manual.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.