



# DF-W208

## 用户手册 User Manual

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WHDI 无线影音传输系统  
WHDI Video and Audio Signal Transmission System

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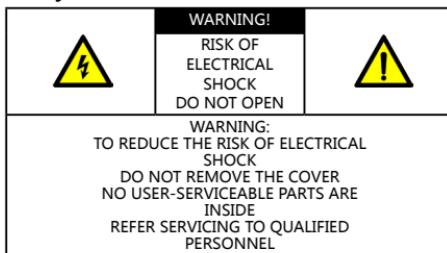
## **1 Important Note**

Before you use DF-W208, it is important that you read this user manual to get important information and instructions regarding WHDI transmitter and receiver.

Thank you for purchasing this quality Dfine product. Any defects in components or faulty workmanship occurring within a specific period will be rectified or repaired free of charge, but this warranty may not apply to the following cases:

- Unauthorized modifications to the products or repair by an unauthorized technician.
- Breakage caused by accidents including but not limited to fire, water immersion, and moisture.
- Use on incorrect voltage, use contrary to operating instructions.
- Product model number got altered, removed or made illegible.

### **Safety Precautions**



### **Danger: Electricity Hazard**

- Power must be switched off when not in use, any power adaptors connected AV devices and TV should be plugged out.
- Power outlet: To prevent electricity shock, please check if the mains lead used on the receiver and transmitter corresponds to the power outlet.
- Mains lead: Stepping or putting heavy stuffs on mains lead is prohibited.
- Power overloading: Do not overload the power outlets, otherwise electric shock or fire could happen. If the power is overly loaded, please extend the mains lead.
- Lighting stroke: Disconnect the power adaptor when product is not used for a long time or in lighting stroke weather.
- Switch off the power when product is not in use to prevent electric shock or fire.

### **Warning:**

- Keep the product away from objects with liquids and splashing or dripping on this product is strictly prohibited.
- Put the product in a well-ventilated space and keep it away from direct sunlight or any source of heat.
- Do not expose the product to rain or moisture.

### **Declaration of Conformity**

This product complies with Part 15E of FCC Rules.  
Part 15:Subpart E--Unlicensed National Information Infrastructure Devices.

This device complies with relative criteria CE Certification.  
EN 60950-1:2006  
Information Technology  
Equipment ---Safety---  
Part 1: General Requirements

ETSI EN 301 489-1 V1.8.1  
Electromagnetic compatibility and Radio spectrum Matters (ERM);  
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;  
Part 1: Common technical requirements

EN 301489-17(V2.1)  
Electromagnetic Compatibility (EMC) Standard for Radio Equipment and Services;  
Part 17:Specific conditions for Broadband Data Transmission Systems

EN 301893(V1.5.1)  
Broadband Radio Access Network(BRAN)  
5 GHz high performance RLAN  
Harmonized EN covering the essential requirements of article 3.2 of the  
R&TE Directive

### **Trademark Information**

- HDMI, HDMI Logo and High Definition Multimedia Interface are registered trademarks of HDMI Licensing LLC in America and other countries.
- WHDI, WHDI Logo and Wireless Home Digital Interface are registered trademarks of WHDI LLC in America and other countries.

### **Special Notice:**

Do not use this product nearby an aircraft or medical facility to prevent interference. Please handle this device carefully otherwise wireless wave may cause the abnormal video and audio (noise, blocked image...etc.)

- 1) Put it on the desk steadily; don't try to move it when connected.
- 2) Keep it away from refrigerator or other metal furniture.
- 3) Do not place it in narrow place.

- This product has been manufactured and tested to comply with each country's safety regulations. However, it doesn't guarantee that interference would never happen in some specific environment. If interference does occur, please increase separation between interfering objects with transmitter and receiver.

- This product tends to be interfered by wireless device with 5GHz frequency, such as a router or other wireless device. If you have 802.11n router, configure it to use the 2.4GHz rather than 5GHz.

- The optimal distance between transceiver and receiver is between 1 meter and 30 meters.

## 2 Introductions

### 2.1 Overview

DF-W208 can be used in two ways. The first is to insert it into HDMI output device. The other way is to fix it on the back of iPad2 with glue heath.

Connect iPad2 with a cable shifted HDMI to DP and transmit video/audio signals from iPad2 to HDMI receiver. Users can play games, surf the Internet, check mails, and make business presentations, enjoy slides, movies, photos and everything else that fills your iPad2 screen without latency.

### 2.2 Product Features

- Support 1080p video resolution.
- Support WHDI 1.0
- Support HDMI input and iPad2 input( with a cable shifted DP to HDMI)
- Built in lithium battery
- Mini USB interface to charge
- With a minimal transmission distance of 30 m.
- Comply with FCC,CE,IC,RoHS Certificate
- Working frequency: 4.9 GHz to 5.9 GHz

### 2.3 Packing Content

Please check if the following items are present in package box, if any item is missed or damaged, please contact the dealer



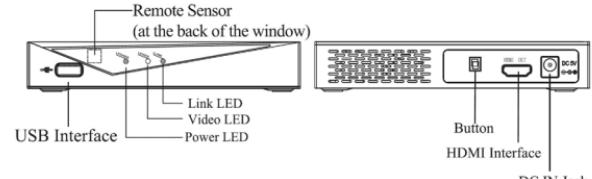
### 2.4 Functions

#### 1) WHDI transmitter



Remarks 1: → : Snap power switch for turning on and turning off the device.  
Button: network register  
Red&Green LED (griddling printing PWR): indicates battery status and discharging status.  
Link LED (griddling printing SYS): indicates system working status.  
USB interface: USB charging interface and power supply interface.  
HDMI interface: HDMI input port.

#### 2) Receiver



Remarks 2: Link LED : indicates connection status  
DC IN Jack : to connect power adaptor  
Video LED : indicates video signals  
HDMI Interface: to connect display terminal  
Power LED: indicates power status  
Button : Standby

### 3) W208(Tx) power indicating LED

Sheet 1 Power Indicating LED Status ( double colored light)

Red and green LED off	USB charging : full battery	Power supply : battery is discharging but not in a low voltage
Green LED on	The system is being charged	
Red LED flashes	The system is in a low voltage	

Remarks 3: If the voltage of external USB interface don't meet the needs of 2A, the battery LED will indicates as follows:

Yellow light on	USB power supply is low. Battery needs charging
Yellow and green light flash	USB power supply is low, and the system is in low voltage

### 4) System Status Indicating LED ( Tx and Rx )

Working status	Transmitter(W208)		Receiver		
	Link LED	Power	Video	Link	
Power on (connect to video source equipment , turn the switch on)	★	○	○		
Delete devices ( short press )	●	○	○		
Normal status	○	○		○	

#### Remarks :

○ green LED stays on   ● green LED flash quickly   ★ green LED flash slowly

Remarks 4: When battery needs charging, LED indicating undervoltage will start to flash. Connect DF-W208 to power socket with USB adaptor and power indicating LED will stay green and will be off when battery is fully charged.

Remarks 5: Restart the device when disconnect source equipment or switch source equipment( long press BUTTON until working indicating LED off).

## 3 Product Specifications

Transmission distance	With a transmission distance of 30m	
Working frequency	4.9 ~ 5.9GHz ( without DFS function )	
Antenna	Built-in antenna	
Power adaptor feature	Mini USB interface, 5V/2.1A	AC100 ~ 240V,5V 3A DC power adaptor

Working temperature	0°C ~ 45°C	
	Dimensions	244mm(L)×189mm(W)×21mm(H)
Weight	354g	146mm(L)×93mm(W)×25mm(H)

## 4 WHDI Transmitter Connections

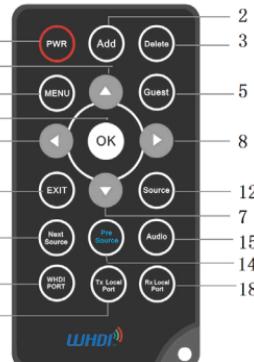
This device can be connected in 2 ways. Users can insert transmitter into HD video source equipment with HDMI interface such as laptop, PS3 or connect this device to iPad2 with a cable HDMI shifted to DP. Now all the contents that fill iPad2 will be transmitted to display equipment.



- Connect to display devices by HDMI cable.
- Connect the device to power adaptor and the device can be charged.

## 5 WHDI Remote Control Guide

### 5.1 WHDI Remote Control and User Guide



number	name	function
1	PWR	Standby button, available to receiver
2	Add	To add output devices to device list; available to receiver
3	Delete	To delete receiver from device list or delete character of the device name, available to receiver
4	MENU	To show all the items; available to receiver
5	Guest	Temporary visit key; available to receiver
6	△	To up; available to receiver
7	▽	To Down , available to receiver
8	▷	To the right , available to receiver
9	◁	To the left , available to receiver
10	OK	To confirm , available to receiver
11	Exit	To back/exit , available to receiver
12	Source	To list all the video source , available to receiver
13	Next Source	To select next video source , available to receiver
14	Pre Source	To select previous video source , available to receiver
15~18		Not available

## 5.2 Device Register or Add

- Connect transmitter and receiver to output equipment and display equipment separately.
- Use the remote control on receiver terminal.
- Click "menu" button or "add" button to show setup interface and choose "add new video source"
- "Please Activate Registration on Transmitter Unit" item will be shown on display equipment.
- Short press (within 1 s) register button of transmitter, and link LED flashes
- The receiver will show available device name and confirming information. Use WHDI remote control to press OK
- Display equipment will show progress bar about register.
- The register will complete in 50 seconds.
- Network will be connected automatically and transmit audio and video signals after registration.
- A maximal of 8 devices can be added as the steps mentioned above.

## 5.3 Delete Device

- Press "source" button on remote control to choose the device you want to be deleted.
- Press "delete" or "menu" to select "remove video source"
- Select the device to be deleted and press "ok"
- After deleting the device, press "source" to ensure the device has been deleted.
- Other devices can be also deleted as the above procedures

## 5.4 Output Devices Name Modification

- Press "menu" button on remote control to show setup menu, choose "modify video source name" item.
- All available video source will be displayed and use the navigation button on remote control to locate the device name you want to be modified .
- Use the navigation button on remote control to locate the characters you want to be modified.
- Press the "OK" button to submit the new name.

## 5.5 Disconnect Network

- Press menu button on remote control to show setup menu and choose "disconnect wireless link" item.
- Press ok button to disconnect network.
- If the disconnection is successful, the home screen will show " wireless off" .

## 5.6 Connection

- Ensure power supply is normally provided. Connect transmitter to source devices and turn the switch on.
- Transmitter will search source devices automatically. Use remote control to locate desired source devices and press "OK" , then it would be connected.

## 6 Software Update

- 1) Open Bootloader Manager ; connect WHDI transmitter to PC by USB cable
- 2) The device information will be shown on the software when the device is successfully connected.
- 3) Click [browse] button in "update APP area" , then choose the file you want to be updated; press [update APP],after system update is successful, there will pop up a dialog box to inform update is complete.
- 4) If the system prompts failed update or other unsuccessful update information, please check if the USB cable is connected and try it again.
- 5) The same way is also applied to MAC update. Click [browse] button in "update Mac Area, then choose the file you want to be updated. If the update is successful, system will show a box to inform update is successful.

### Please note:

To get more information about bootloader manager software installation and update, please refer to WHDI video transmitter bootloader manager software user manual. Software and user manual can be downloaded at our website: [www.dfine-whdi.com](http://www.dfine-whdi.com)

## 7 Troubleshooting

Please make sure all the devices are properly connected and receiver is not in standby mode before you follow the troubleshooting guide below.

No video	<ol style="list-style-type: none"> <li>1. Check the status of LED, and check if the HD media player works normally.</li> <li>2. Check if the joints and wires are damaged and make sure they are correctly connected to corresponding interface.</li> <li>3. Ensure there is video on output devices.</li> <li>4. Check the receiver is correctly connected to display equipment.</li> <li>5. Make sure all devices are working on supported distance. Draw them closer and try it again.</li> </ol>
Power LED off	<ol style="list-style-type: none"> <li>1. Make sure the power adaptor is correctly connected and the voltage is 5V3A</li> <li>2. Make sure the power supply would not be interrupted.</li> <li>3. Make sure transmitter is fully powered.</li> </ol>
"Receiver video indicating LED abnormal"	<ol style="list-style-type: none"> <li>1. Make sure video and audio signals can be transmitted to receiver successfully.</li> <li>2. If there are video and audio signal on output devices, please check the indicating LED to see if something got wrong with it.</li> <li>3. Make sure the device is working within the supported distance.</li> </ol>
Bad picture	<ol style="list-style-type: none"> <li>1. Ensure there is video on output devices.</li> <li>2. Check if the receiver is correctly connected to display equipment and there is no damage on joints and wires.</li> <li>3. Make sure all devices are working on supported distance. Draw them closer and try it again.</li> </ol>
"No sound or bad sound"	<ol style="list-style-type: none"> <li>1. Restart the transmitter and connect it again</li> <li>2. Make sure there is no disturbance from the same frequency (4.9 ~ 5.9GHz) within 1 meter."</li> </ol>
Other problems	If any other problems occur, please restart the device and make connections again.

## 8 Safety instructions

Keep this product away from metal furniture or explosive materials. Put it on steady places and make sure there is no safety hazard around joints. Do not use this product near water or on environments with a lot of dust. Avoid exposing it on too low or too high temperatures. Always use the DC power adaptors supplied, if there is a need of replacement, ensure the alternatives have the same output rating of 5V 3A. Do not let any heavy stuffs rest on this product. Ensure a proper ventilation is provided at installation site. Never insert any objects into holes or ventilation slots.

To save energy, please turn off the switches on the power adaptor leads or unplug the power adaptor from the power sockets when the product is not working.

Restart the device if it is damaged in any way or if it does not work normally. And if it still cannot work, please power off and consult the dealer. Do not open the equipment and repair it without authorization.

**Cleaning :** Turn off and unplug the product before performing any cleaning and use only a lightly dampened soft cloth to wipe it. Do not use chemical solvents or strong detergents as these may damage the surface.

- To prevent electric shock, do not remove any cover.
- Any maintenance should ask professionals for help.
- Do not expose this equipment to dripping or splashing.
- Never use this product near fire or any heat source.
- Do not let kids play with this product.

## 9 FCC & IC ID Warning

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment is portable device. The output power of this device is less than 20mW. The SAR test is not required.

**Declaration :** W208 system is composed of two parts: transmitter and receiver. Receiver has been tested to comply with FCC Part15.407 and IC rules. Test is required for transmitter only.

Changes or modifications made to this equipment not expressly approved by DFINE Technology Co., Ltd. may void the FCC authorization to operate this equipment.

## **10 CE ID Warning**

1. Due to the used enclosure material, the device shall only be connected to a USB Interface of version 2.0 or higher. The connection to so called power USB is prohibited.

2. Do not use the device in the environment at too high or too low temperature, never expose the mobile phone under strong sunshine or too wet environment.

The suitable temperature for the phone is 0°C -45°C.

3. RF exposure information: The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of d=20 cm between the device and the human body. To maintain compliance with RF exposure requirement, use product that maintain a 20cm distance between the device and human body.

### **4. EU Regulatory Conformance**

Hereby, DFINE Technology Co.,Ltd declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For the declaration of conformity, visit the Web site [www.dfine-tech.com](http://www.dfine-tech.com).

### **Declaration :**

W208 system is composed of two parts: transmitter and receiver. Receiver has been tested to comply with CE rules. Test standard EN301893 ; EN301489-1/17 ; EN62311. Test is required for transmitter only.

## **11 Other Information**

We suggest a comprehensive read about this manual before you get started to use this product.

If any problem occurs, please feel free to contact us at:

mail : [support@dfine-whdi.com](mailto:support@dfine-whdi.com)

telephone : +86-28-85306133

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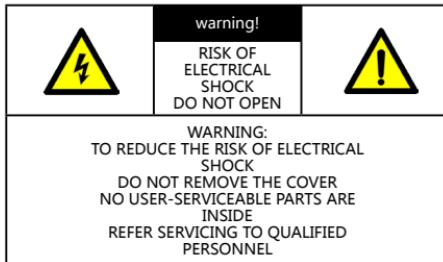
# 1 使用注意事项

在使用 DF-W208 之前请仔细阅读本手册。本手册包括了使用无线高清接收器和发射器的重要信息和使用指导。

成都九洲迪飞科技有限责任公司对产品提供保修，但有如下情况不适用：

- 产品由未经授权的人员进行过修理、更改或者更换。
- 由意外而造成的产品损坏，如投水、潮湿等。
- 使用不符合制定规格和要求的电源适配器。
- 产品标签被涂改、移除或无法辨认。

## 安全警告



危险：小心触电。

- 产品未使用时需关闭所有电源，如连接音视频产品电源或电视电源。
- 电源插座：为防止触电，应确保接收器和发射器的电源线与插头相匹配。
- 电源线：为确保电源线正常工作，请勿用重物堆放或挤压。
- 电源超载：避免电源超载或者延长电源线，否则可能会导致触电或者火灾。
- 雷击：为防止雷击或者当机器长期不使用时，应断开电源开关。
- 当不使用无线高清收发器时，应断开电源以减少触电或火灾的危险。



警告：

- 勿置于水滴或水溅的环境中。不要放置装有液体的容器在产品附近。
- 放置于通风透气处，避免阳光直射或任何热源。
- 勿使机器受雨淋或潮湿，以免触电或发生火灾。

## 符合标准声明

此产品符合 FCC 规则第 15E 条

第 15 条：E 部分—非授权的国家信息基础设施设备

本产品符合 CE 认证的相关标准

EN 60950-1 : 2006

信息技术

设备 --- 安全 ---

第一条：总则

ETSI EN 301 489-1 V1.8.1 电磁兼容性与无线电频谱事宜 ( ERM )

用于无线设备和服务的电磁兼容性 ( EMC ) 标准

第 1 部分：通用技术设备

EN 301489-17(V2.1.1)

电磁兼容性和无线电频谱管理 ( ERM )

无线电设备和服务的电磁兼容性标准；

第 17 部分：宽带数据传输系统的特殊情况

EN 301893 (V1.5.1)

宽带无线接入网络 ( BRAN )

5GHz 高性能 RLAN ;

R&TTE 指令 3.2 条核心要求的统一标准

## 商标信息

- HDMI、HDMI 徽 标 和 High Definition Multimedia Interface 是 HDMI Licensing LLC 在美国和 / 或其它国家或地区的商标或注册商标。
- WHDI、WHDI 徽标和 Wireless Home Digital Interface 是 WHDI LLC 在美国和 / 或其它国家或地区的商标或注册商标。

## 特别注意：

勿在飞机或者医疗设施附近使用该产品，否则将导致干扰或者操作错误使用本产品时小心放置，否则无线电波可能会导致不正常的音频或视频。

- 1) 平稳的放置在桌上，避免在连接时移动；
- 2) 避免靠近冰箱或其他金属家具；
- 3) 避免放置在拥挤的地方。

● 本产品的生产与测试符合各国的安全法规。但是，并不保证在一些特殊的安装情况下不存在干扰。如果存在干扰，应增加被干扰物与发射器或接收器之间的距离。  
 ● 本产品容易与 5GHz 频率的无线装置产生干扰。比如，如果用户有一个 802.11n 的路由，最好设置在 2.4GHz 频段的工作。  
 ● 本产品的发射器和接收器工作的最佳距离是在 1 米到 30 米之间。

## 2 产品简介

### 2.1 产品说明

DF-W208 有两种应用，一是可以直接插入带 HDMI 输出的高清音视频源设备，一是可以通过胶套固定在 iPad2 的背面，用 HDMI 转 DP 的电缆接到 iPad2，将 iPad2 输出的视频 / 音频传输到 HDMI 接收器上，能够直接传输所有 iPad2 显示内容到接收端显示设备上。商务演示、播放幻灯片、播放影视、播放图片等，可以投影到高清电视显示器上播放，并且无任何延时。

### 2.2 产品特性

- 支持 1080P 高清视频
- 支持 WHDI 1.0 规范
- 支持 HDMI 输入和 iPad2 输入（通过 DP 转 HDMI 电缆连接）
- 内置锂电池
- 迷你 USB 端口充电
- 30m 有效传输范围
- 通过 FCC、CE、IC、RoHS 安全认证
- 工作频段：4.9 GHz ~ 5.9 GHz

### 2.3 产品清单

请检查包装盒内是否有以下项目，如果有任何缺失或者损坏，请联系经销商。



### 2.4 功能说明

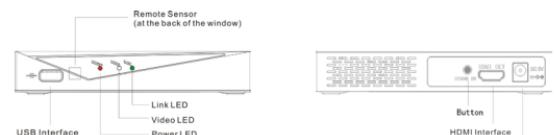
- 1) WHDI 发射端



注 1：

- 拨码开关，用于关机及开机；
- BUTTON：网络注册按键；
- Red&Green LED ( 丝印 PWR )：指示电池电量状态及欠压状态；
- Link LED ( 丝印 SYS )：系统工作状态指示灯。
- USB interface：USB 供电及充电接口。
- HDMI interface：HDMI 输入接口。

- 2) 接收端



注 2：Link LED- 连接状态指示  
 Video LED-Video 信号指示  
 Power LED- 电源指示

DC IN Jack- 用于连接适配器  
 HDMI Interface- 用于连接高清显示终端  
 Button- 待机控制按键

### 3) W208(Tx) 电源指示灯的状态

表 1 电源指示灯 ( 双色灯 ) 状态

红绿灯灭	USB 供电 : 电池已充满	电池供电 : 电池处于放电且未处于欠压状态
绿灯亮	系统处于充电状态	
红灯闪烁	系统处于欠压状态 ( 仅电池供电 )	

注 3 : 如果外部 USB 接口的适配器电流不足 2A ( 异常情况 ) , 没有达到我们要求的供电条件 , 电池指示灯 ( 双色灯 ) 状态如下 :

黄灯亮	USB 供电电流不够 , 未给电池充电
黄绿闪灯	USB 供电电流不够 , 且系统处于欠压状态

### 4) 系统工作指示灯的状态 ( 含 Tx 和 Rx )

工作状态	发射端( W208 )		接收端		
	Link LED	Power	Video	Link	
上电状态 ( 接上视频源 , 拨码开关置于 ON )	★	○	○		
添加设备过程 ( 短按按键 )	●	○	○		
正常工作	○	○		○	

注 : ○ 绿灯常亮 ● 绿灯快闪 ★ 绿灯慢闪

注 4 : 在使用过程中 , 如果发现欠压指示灯开始闪烁 , 则表示当前电池电量不足 , 需要为电池充电。使用单口 USB 适配器 , 通过迷你 USB 线连接到 DF-W208 的 USB 接口上。DF-W208 处于充电状态时 , 充电指示灯会亮绿灯 , 电池充满后 , 电源指示灯熄灭。

注 5 : 每次断开视频源或者切换视频源时 , 必须重新开机 , 即长按 BUTTON 按键直到工作指示灯 SYS 灭 , 让其 TX 和 RX 设备重新建立连接。

## 3 产品规格

传输距离	30m 有效传输距离	
工作频率	4.9 ~ 5.9GHz ( 不支持动态频率选择功能 )	
天线	全向内置天线	
电源性能	迷你 USB 接口供电 5V/2.1A AC100 ~ 240V,5V 3A DC 适配器	
工作温度	0°C ~ 45°C	
尺寸	244mm(L) × 189mm(W) × 21mm(H)	146mm(L) × 93mm(W) × 25mm(H)
重量	354g	210g

## 4 安装说明

### 4.1 WHDI 发射端连接方式



可以直接插入笔记本电脑、PS3 等带 HDMI 输出接口的高清音视频源设备 , 或者用 HDMI 转 DP 电缆接入 ipad2 中 , 将 ipad2 中的画面传输到接收端。

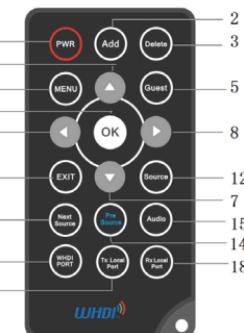
### 4.2 接收端连接方式



- HDMI 输出端通过 HDMI 线直接与显示设备 ( 显示器、电视机等 ) 相连 ;
- 电源接口直接与电源适配器 ( 5V 3A ) 相连 , 进行供电。

## 5 WHDI 遥控器使用说明

### 5.1 WHDI 遥控器及其使用说明



编号	键名	功能
1	PWR	待机键, 发射端无效, 接收端有效。
2	Add	增加发射源到设备列表, 接收端有效。
3	Delete	从设备列表中删除发射端, 或删除设备命名中的字符, 接收端有效。
4	MENU	菜单键, 接收端有效。
5	Guest	临时来访键, 接收端有效。
6	△	向上键, 接收端有效。
7	▽	向下键, 接收端有效。
8	▷	向右键, 接收端有效。
9	◁	向左键, 接收端有效。
10	OK	确认键, 接收端有效。
11	Exit	返回 / 退出键, 接收端有效。
12	Source	列出发射源列表键, 接收端有效。
13	Next Source	选择下一个发射源, 接收端有效。
14	Pre Source	选择前一个发射源, 接收端有效。
15~18		该设备不具备此功能

## 5.2 设备的注册或者添加

- 将发射器和接收器分别连接上源设备和显示设备
- 在接收端使用遥控器：
  - 点击“Menu”按钮或者点击“Add”按钮, 在“Setup”界面选择“Add new video source”
- 显示设备上出现“Please Activate Registration on Transmitter Unit”
- 短按(1s以内)发射器的注册按键, 工作指示灯快闪
- 在接收端搜索到设备后, 显示设备上出现确认信息
- 在接收端使用遥控器, 点击OK
- 显示设备上出现注册的进度条
- 大约50秒左右注册成功
- 注册成功后, 网络自动连接, 并且开始传输音频视频信号
- 按照上述同样的步骤可以添加多个设备源, 最多可以添加八个设备源

## 5.3 删 除设备

- 点击WHDI遥控器上“Source”按键, 确认要删除的设备
- 点击WHDI遥控器上的“Delete”按键或者“MENU”按键选择显示界面上出现的“Remove video source”
- 出现设备源后, 选择要删除的设备, 点击“OK”按键, 设备进行删除
- 删除设备成功后, 点击WHDI遥控器上“Source”按键, 可以确认设备源已经被删除

- 按照上述同样的方法可以删除其它设备源

## 5.4 修改设备源名称

- 点击WHDI遥控器上“MENU”按键选择显示界面上出现的“Modify video source name”
- 选择要修改名称的设备源, 点击WHDI遥控器上的向下键或者向上键进行修改
- 点击WHDI遥控器上的向右键和向左键选择要修改的字符
- 修改完成后点击OK确认, 即完成修改设备名称

## 5.5 断开网络连接

- 点击WHDI遥控器上“MENU”按键选择显示界面上出现的“Disconnect Wireless link”
- 点击WHDI遥控器上“OK”按键确认断开按钮
- 显示界面上出现“Wireless off”则设备网络断开

## 5.6 设备连接

- 在确定电池供电正常的情况下, 发射端接上视频源, 拨码开关置于“ON”
- 发射器自动搜索视频源, 通过遥控器选择相应的视频源并按“OK”键连接相应视频源即可

## 6 产品软件升级

- 打开Bootloader Manager 软件, 用USB线将W208发射端与PC机连接起来;
- 设备连接成功后会在管理软件界面显示出相关的设备信息;
- 点击“升级系统软件应用层的操作区域”中的【浏览】按钮, 然后选择要升级的系统文件, 点击【升级系统】, 升级完成后会出现升级成功提示框;
- 如果您在升级的过程中出现“升级失败”或相关的失败提示, 请确认USB线缆连接正常, WHDI发射端连接正常后, 再次进行升级;
- 同样的连接方法升级MAC, 点击“升级MAC硬件层的操作区域”中的【浏览】按钮, 然后选择要升级的MAC文件, 点击【升级MAC】按钮, 升级完成后会出现升级成功提示框;

### 注：

Bootloader Manager 软件的具体安装方法和详细使用过程请参阅《无线高清传输机管理软件用户使用手册》。软件和说明书可以到产品网站上下载, 网址地址为 [www.dfine-whdi.com](http://www.dfine-whdi.com)。

## 7 故障排除

没有图像	1、查看连接状态灯，查看高清设备源是否工作正常，其相应的输入输出正常； 2、确保接口以及连接线未被损坏，且连接和相应的端口正确； 3、确保在设备的发射端有图像输出，且输出端口正确； 4、确保接收端和显示设备的连接正常，且接口连接和选择正确；确保工作距离在设备所支持的范围，若已经超出该值，请将距离拉近再进行连接。
电源灯不亮	1、确保接收端电源接口连接正确，且电源适配器为 5V3A 的直流输出电源； 2、确保电源能正常工作； 3、确保发射端电池电量充足。
接收端视频指示灯显示不正常	1、确保发射端的高清设备源有输出，且输出正常； 2、若接收端有音视频，工作正常，说明灯本身有问题； 3、确保工作距离在设备所支持的范围内。
图像质量差	1、确保发射端高清设备源输出图像正常； 2、接收端和显示设备的连接线没有被损坏，并且连接正确； 3、确保工作距离在设备所支持的范围，若已经超出该值，请将距离拉近再进行连接。
声音质量差或者没有声音	1、重启发射端，再次连接； 2、确保在接收端 1 米范围内没有同频段 (4.9 ~ 5.9GHz) 的其它设备的干扰。
其它故障	1、如果遇到以上故障之外的情况，请尝试重启 WHDI 发射端和接收端重新建立连接。

## 8 安全注意事项

放置时请勿靠近冰箱、洗衣机等金属家具，或是易燃易爆等物品，也不要将其放在不平稳的平面上。确保连接线的连接处不会造成其他的危险及不方便。  
请勿将其放置在极度多尘、潮湿及水溅之处，也不要将其放置在温度过高或是过低、阳光直射之处。

其供电方式仅有直流电源提供的，若需更换电源，请确保所更换的有 5V 3A 等指标，以免造成不可挽回的错误。

请勿覆盖或放置其他重物，确保产品周围的空气流通性，或用其他物品堵塞散热口。为了节省能源，若您不使用时，请关闭电源开关，或从电源插座上拔出电源适配器。如若产品有任何损坏或不正常工作，请重启，若仍不能正常工作，请关闭电源，咨询或送专业技术人员进行维修或处理。请勿自行打开请进维修。

### 清洁：

断开电源，仅使用软布或酒精轻轻擦拭。请勿使用化学溶剂或腐蚀性的清洁剂进行清洁，也不要带电进行该操作。

- 为了防止触电，不要带电揭开产品盖或其它操作。
- 维修尽可由专业技术人员进行。

- 请勿滴水或其它液体在该产品上。
- 请勿直接将该产品靠近火源。
- 请勿让儿童独自使用或玩耍。

## 9 FCC & IC ID 警告语

此产品符合 FCC 认证第十五条和加拿大工业局 RSS-210 文件。

操作必须符合以下两个条件：

(1) 此产品不会产生有害辐射

(2) 此产品具备一定抗干扰能力，包括那些会影响操作正常进行的干扰。

此产品采用便携式设计。输出功率小于 20mW，可不必进行 SAR 测试。

### 声明：

W208 系统的接收端已经通过 FCC 和 IC 认证，按照 FCC PART15.407 标准进行的测试。本次只做 W208 发射端认证。

## 10 CE ID 警告语

1. 由于设计材料选用的原因，此产品只能连接 2.0 或以上版本的 USB 接口。

2. 温度过高或过低时禁止使用此产品。请避免强光和潮湿环境。适宜产品使用的温度为 0°C ~ 45°C。

3. 射频暴露安全信息：可允许的最大射频暴露水平是根据人体与设备的距离计算出来的。为了符合射频暴露安全规定，使用此产品时人体应与设备保持至少 20 厘米的距离。

### 4. 欧盟一致性声明

迪飞科技在此声明：

此产品满足欧盟 1999/5/EC 必要的规定和其他条款。

阅读更多符合标准声明：

请访问公司官网 [www.dfine-tech.com](http://www.dfine-tech.com)

### 声明：

W208 系统的接收端已经通过 CE 认证，按照 EN301893；EN301489-1/17；EN62311 标准进行的测试。本次只做 W208 发射端认证。

## 11 其他信息

我们建议您在使用该产品时，先全面阅读此手册。

如在使用过程中遇到问题，请以下方式联系我们：

邮箱：[support@dfine-whdi.com](mailto:support@dfine-whdi.com)

电话：+86-28-85306133

