

# **FLY Image 3000**

2.4G wireless (VGA to TV) audio/video  
transmitter and receiver

User's Manual

Shanghai Fullband Technologies Co., Ltd

## **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, 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:** To assure continued compliance, (example-use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## 1. Introduction

### 1.1 Overview

We adopt the advanced wireless transmission techniques in developing FLY Image 3000, which is resistant to interference and can present you clear, and sharp images. PAL and NTSC format are available.

By using our product you can easily realize the wireless transmission from PC to TV, transmission of video signal converted from VGA to TV freely, and video and audio signal output by high quality stereo equipment as well as watch your favorite TV programs or listen to hi-fi stereo quality sound and get access to Internet on TV at home or office.

### 1.2 Key Features

There are 4 channels, (2.414GHz, 2.432GHz, 2.450GHz, 2.468GHz);

2.4 GHz wireless transmitter and receiver with 4 selectable channels (Tact Switch);

Multiple-operation models: one-to-one(1Tx to 1Rx) on the same channel; one-to-multiple (1Tx to nRx) on the same channel; multiple-to-multiple(nTx to nRx)

on up to 4 channels work simultaneously at the same area.

Pal and NTSC video format available

The refresh rate and max resolution of VGA input is up to 150Hz and 2048x1546 respectively;

Support the conversion from VGA to VIDEO, video and audio as well as stereo transmission in the form of PAL and NTSC;

Clear and sharp images video and stereo audio quality output from the receiver

The effective distance of wireless transmission is within 100 meters in open areas.

Working temperature ranges from 0 C to + 60 C

Compact Size and antennas (2.4GHz) are embedded in the housing

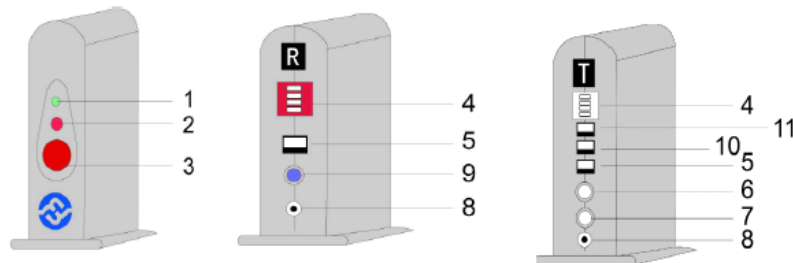
No software is required

Compatible with Camcorder or COMS camera application

Receiver wirelessly accept VGA/Video/audio signals from transmitter and output connected to TV, LCD TV monitor, PDP TV, VCR, Digital Video recorder, video projector, speaker, or any device with video/audio input Transmitter can be connected to VGA card and sound card of any PC, and wirelessly transmit video/audio signals to receiver long range away.

## 2. Check Package before use

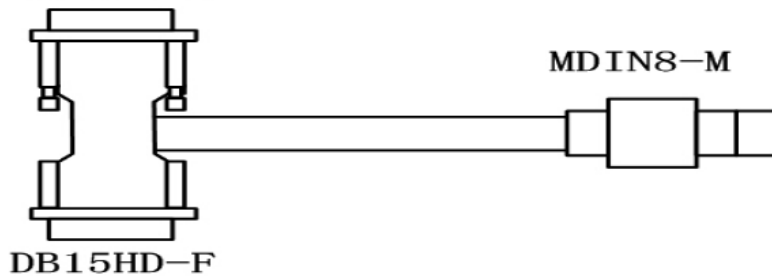
### 2.1 One unit of Transmitter and one unit of Receiver



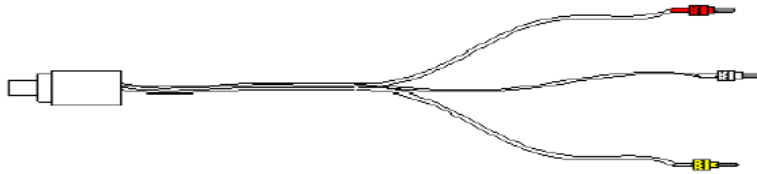
1、Signal Light, 2、Power light, 3、IR receiver, 4、4 Channel switch,  
5、Power switch, 6、Audio port, 7、VGA input, 8、DC Power in  
9、A/V out 10、A/V input & VGA input switch, 11、PAL & NTSC switch

### 2.3 One unit of T-shaped VGA bypass: HDB15M TO HDB15F/MD8M

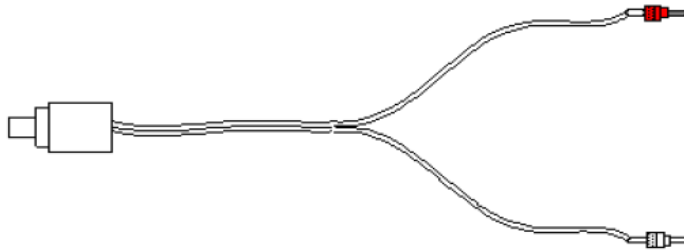
**DB 15HD—M**



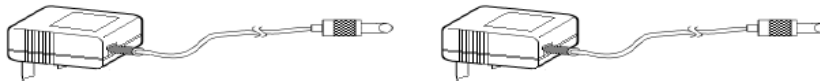
### 2.4 Two units of MD6M TO RCAM A/V cables



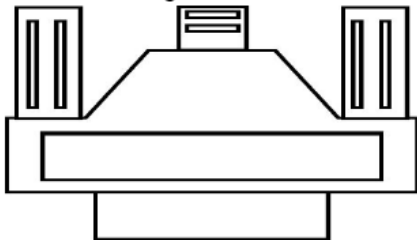
### 2.5 One unit of DC3.5M TO RCA\*2Audio cables



### 2.6 Two units of Power Adaptors



### 2.7 VGA Signal load for Notebook



## 2.8 Manual

### 3. Function

#### 3.1 VGA to Video

#### 3.2 Send and receive

### 4. How to Connect

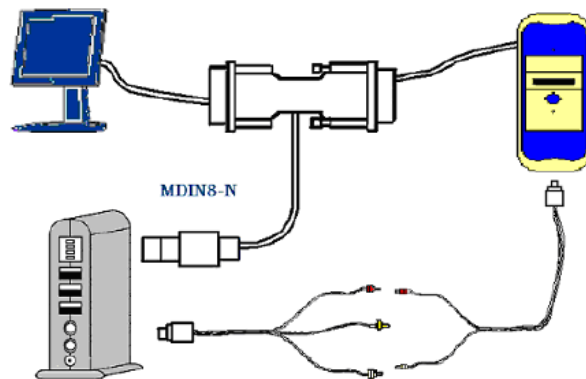
#### Transmitter

PC as A/V source

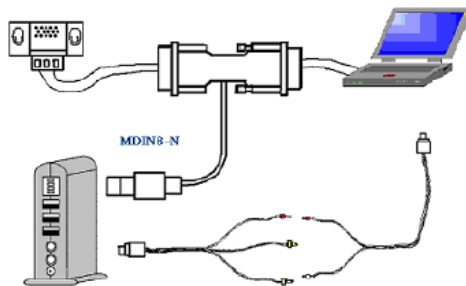
##### 4.1

Connect PC's VGA to sender's VGA with the T-shaped VGA cable; Connect PC's audio output to sender's A/V input with A/V cable and DC3.5 audio cable, as picture X illustrates:

Connect to computer

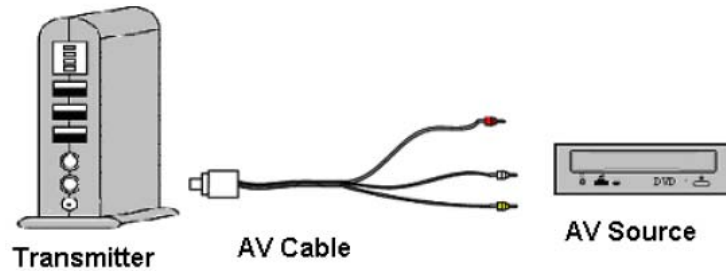


Connect to Notebook



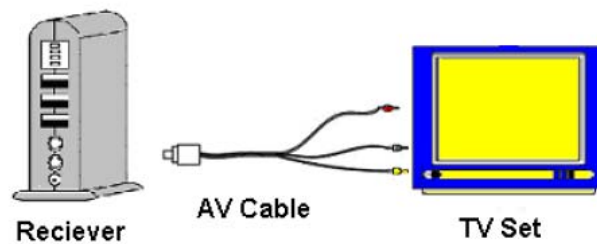
## VCD & DVD as A/V source

Connect DVD's A/V out to sender's A/V in with A/V cable:

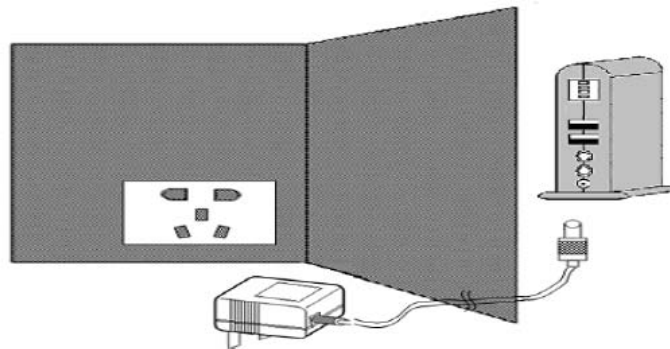


## Receiver

4.2 Connect receiver to TV with A/V cable

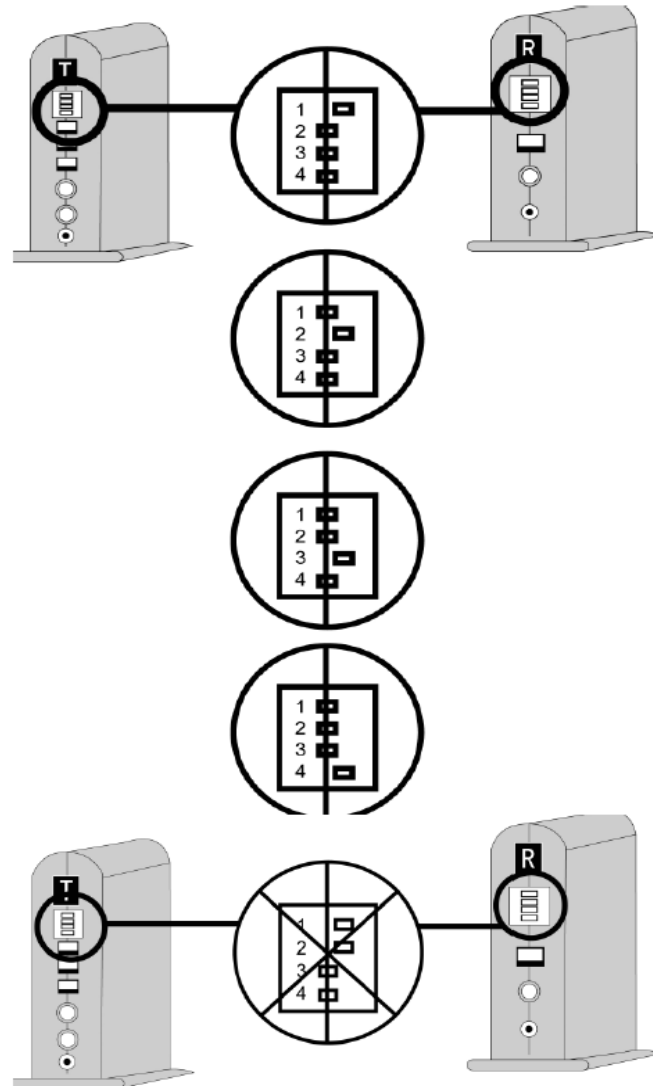


4.3 Plug into the power outlet using attached adaptor



## 5. Operations

5.1 Adjust the channel



5.2 Turn on the VGA source and A/V display

5.3 Turn on the power

5.4 Enjoying the high quality A/V entertainment FLYImage 3000 brings to you

## 6. Trouble Shooting

6.1 No Picture or Sound

- Check the adaptor rightly connected.



- Power ON/OFF switch is in right position.
- Check Whether the output choosing key is in correspondence with VGA or A/V in
- NTSV/PAL video format
- Check all the cables well and rightly connected.

## 6.2 Interference in the Image and Sound

- Move your Sender or Receiver slowly to find a best reception position for your A/V system.
- Shorten the difference between your sender and receiver.
- Check whether there are such interference as microwave around your receiver.
- Check whether your sender and receiver are in the same channel

## 7.Specification

## 7. 1Sender

Dimension:	100Dx40Wx155H	Unite is mm
VIDEO Input Level:	1Vp-p 、 75、 support PAL and NTSC formant	
AUDIO Input Level:	1Vp-p、 stereo	
Antenna:	Dipole	
Operating Temperature:	-10℃--+60℃	
VGA TO VIDEO:		
The Highest distinguish rate:	Smallest:	640 X 400
	biggest:	2048 X 1536
The highest refurbish rate:	150Hz	
VIDEO Output Formant:	PAL and NTSC formant	
2.4GHz wireless transmission:	Frequency	2400MHz—2483MHz
	Channel Number	4 (2414, 2432, 2450, 2468MHz)
	Frequency Stability:	+/-100KHz

## 7.2Receiver

Dimension: 100Dx40Wx155H      Unite is mm

Operating Temperature: -10℃--+60℃

VIDEO Output Level: 1Vp-p 、75、Support PAL and NTSC formant

AUDIO Output Level: 1Vp-p、Stereo

Antenna: Dipole

2.4GHz Wireless Transmission: Frequency      2400MHz—2483MHz  
Channel Number :4 (2414, 2432, 2450, 2468MHz)  
Frequency Stability:      +-100KHz

Shanghai Fullband's mission is “bring the high-quality product to our customers”

**IMPORTANT SAFETY INSTRUCTIONS**

1. All the safety and operating instructions should be read before the product is operated.
2. The safety and operating instructions should be retained for future reference.
3. All warnings on the product and in the operating instructions should be adhered to.
4. All operating and use instructions should be followed.
5. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for the cleaning.
6. Do not use attachments not recommended by the products manufacturer in case they may cause hazards.
7. Do not use this product near water----for example, near a bath tub, wash bowl, kitchen sink, and laundry tub, in wet basement, as well as near a swimming pool, and the like.
8. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type or power supply to your home, consult your product dealer or local Power \company. For products intended to operate form battery power, or other sources, refer to the operating instruction.
10. Power supply cord should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, or other sources, refer to the operating instructions.
11. For added protection for this product during a lightning storm, or it is left unattended for long periods of time, unplug it from the wall outlet and disconnect cable system. This will prevent damage to the product due to lightning and power line surges.
12. Never push objects of any kind into this product through openings as they may

touch dangerous voltage points or short out parts that could result in a fire or electronic shock. Never spill liquid of any kind on the product.

13. Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result on a risk of fire or electric shock.

14. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions.

- When the power-supply cord or plug is damaged.
- If liquid have been spilled, or objects have fallen into the products.
- If the product does not operate normally by following the operating instructions, adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore this product to its normal operation.
- If the products has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance –this indicates a need for service.

15. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions my result in fire, electric shock, or other hazards.

16. Upon completion of any service or repair to this product, ask the service technician to perform safety checks to determine that the product is proper operating condition.

17. The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products including amplifiers that produce heat.