

FT951

5.8GHz 22CH 25mW MINI Transmitter

1. Specification:

| | | |
|----|-------------------------|-------------------------|
| 1 | Transmitting Frequency: | 5.733GHz-5.866GHz 22 CH |
| 2 | Operating Voltage : | +6.0V~+30.0V |
| 3 | Supply current : | 50mA±10mA/12V |
| 4 | Video Input Level: | 1V±0.2Vp-p/75Ω |
| 5 | Audio Input Level: | 0.5~2.0Vp-p/10KΩ |
| 6 | TV System: | PAL/NTSC/SECAM (AUTO) |
| 7 | RF Output Power: | 25mW(14dBm±0.5dBm) |
| 8 | Antenna Connector: | SMA Connector |
| 9 | Weight: | 9.9g |
| 10 | Dimensions (L x W x H): | 30x20x8mm |
| 11 | Operating Temperature: | -10℃~+85℃ |

Operating Frequency Table

| CH GROUP | CH 1 | CH 2 | CH 3 | CH 4 | CH 5 | CH 6 | CH 7 | CH 8 |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|
| A | 5865MHz | 5845MHz | 5825MHz | 5805MHz | 5785MHz | 5765MHz | 5745MHz | |
| b | 5733MHz | 5752MHz | 5771MHz | 5790MHz | 5809MHz | 5828MHz | 5847MHz | 5866MHz |
| d | 5740MHz | 5760MHz | 5780MHz | 5800MHz | 5820MHz | 5840MHz | 5860MHz | |

2. Features:

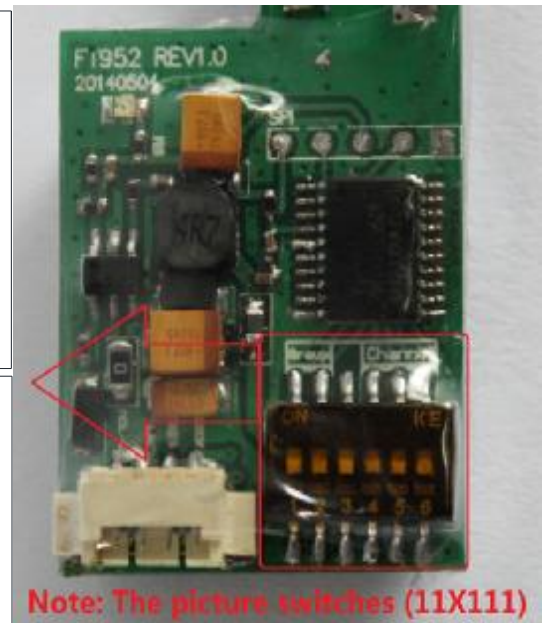
- 2 22 Channel ;
- 2 25mW RF Power output ;
- 2 Large input voltage range ;
- 2 Not affect by 2.4GHz R/C Radios ;
- 2 Mini size, light weight, easy to carry ;
- 2 Size: 30*20*8mm.

3. Operation and Figures

2 Group and Channel Select

| GROUP | | | | | |
|-------|------------------|----|------------------|---|---|
| ON | GROUP:A (00xxxx) | ON | GROUP:b (01xxxx) | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| ON | GROUP:C (10xxxx) | ON | GROUP:d (11xxxx) | | |
| 1 | 2 | 3 | 4 | 5 | 6 |

| Channel | | | | | |
|---------|---------------|----|---------------|---|---|
| ON | CH:1 (xxx000) | ON | CH:2 (xxx001) | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| ON | CH:3 (xxx010) | ON | CH:4 (xxx011) | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| ON | CH:5 (xxx100) | ON | CH:6 (xxx101) | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| ON | CH:7 (xxx110) | ON | CH:8 (xxx111) | | |
| 1 | 2 | 3 | 4 | 5 | 6 |



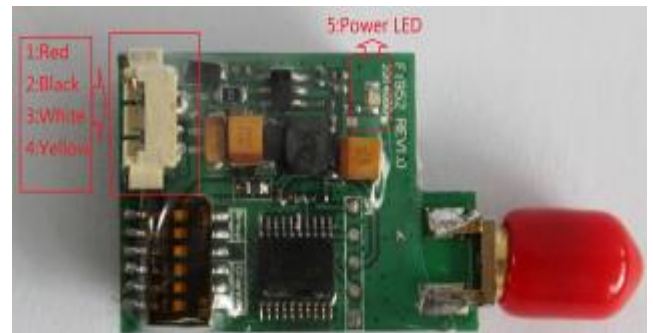
2 Interface

4PIN Cable:

- 1: Red: VCC(+6V~+30V)
- 2: Black: GND
- 3: White: Audio In/AAT IN
- 4: Yellow: Video In

Power indicator:

- 5:Power LED: Red work .



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.

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 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 or more 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.

Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.