



# Zeus nano VTX 350mW

## 图传说明书



### 产品参数

内置麦克风

支持电压:DC5V PIT@75mA

25mW@180mA/16dBm

100mW@280mA/21.5dBm

200mW@330mA/24.5dBm

350mW@400mA/27.5dBm

天线接口:ipex

输出功率:PIT/25/100/200/350mW

标准40频道.A/B/E/F/R频组

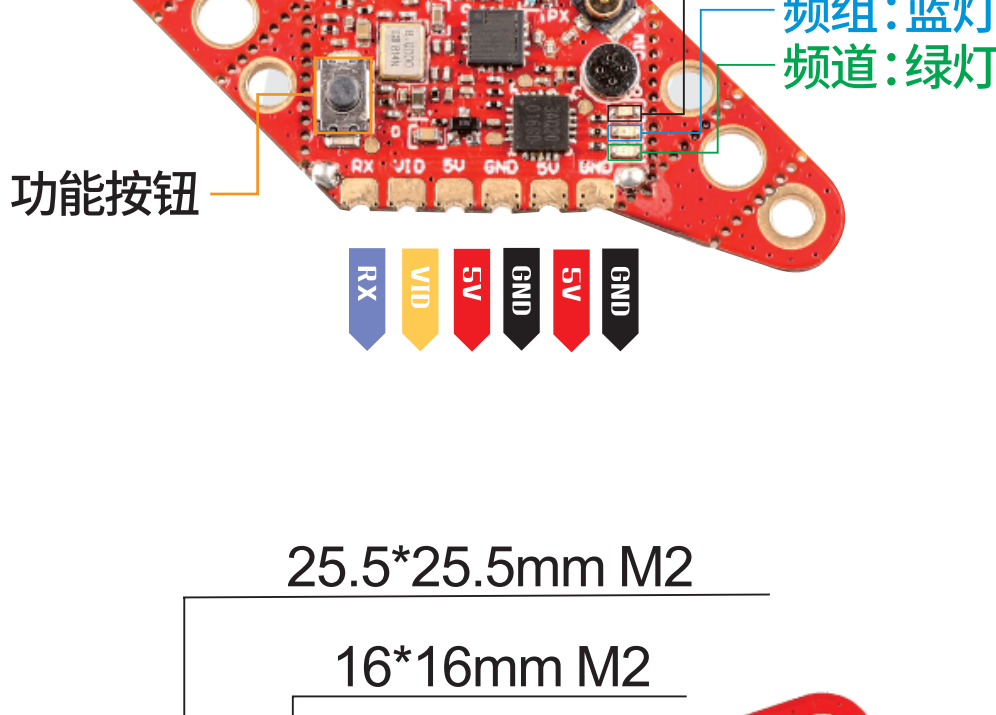
安装孔位:16X16/25.5X25.5mm.M2

20X20mm.M3

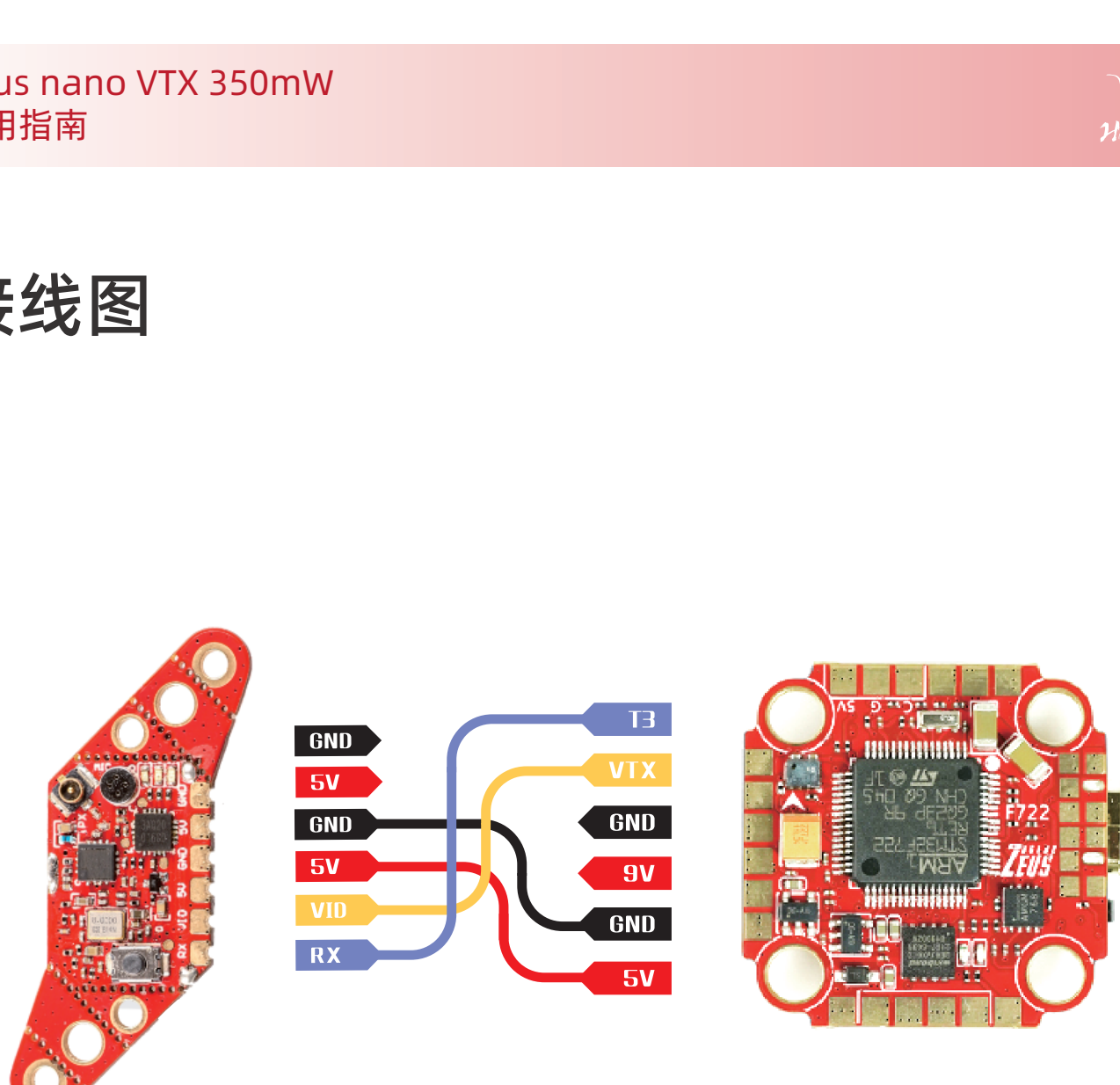
尺寸:18.6mmx13.6mmx6mm

重量:2.4g

### 接口定义



### 接线图



### 功能及应用说明

- 图传参数设置方式为飞控OSD控制和按键控制
- 飞控OSD控制所使用的协议为:IRCramp;

“25/100/200/350mW”

对应参数表数值为 “25/10/2/350”

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| 功率级别数量 |     |     |     |    |
|--------|-----|-----|-----|----|
| 1      | 2   | 3   | 4   | 值  |
| 25     | 100 | 200 | 400 |    |
| 25     | 100 | 200 | 350 | 标签 |

#### 3.按键控制定义

- a.每次首先长按2S，先从频率开始切换(频道、频组、功率)之间循环切换

同时相对应的指示灯点亮(红色LED灯指示功率，蓝色LED指示频道，绿色LED灯指示频组)

- b.通电状态下长按两秒后蓝色指示灯亮进入频道,再短按切换频道

(当前频道是CH1→CH2→CH3→....CH8→CH1→CH2循环选定)

选定一个频道同时指示灯闪亮相应的次数

(选定CH1指示灯闪一次选定CH2指示灯闪两次依次类推)

- c.再长按两秒后绿色指示灯亮进入频组再短按切换频组,(A→B→E→F→ R→A循环选定)

每短按一次选定一个频组选定后1频组蓝灯闪1次，2频组蓝灯闪2次，依次类推

- d.再长按两秒后红色指示灯亮进入功率再短按切换功率，(25mw→100mw→200mw→350mw→PIT→25mw循环选定)

选定后25mw时红色指示灯闪亮1次

100mw时红色指示灯闪亮2次

200mw时红色指示灯闪亮3次

350mw时红色指示灯闪亮4次

Pitmode时红色指示灯常亮

- 4.开机时,提前长按按钮可以直接进入PIT模式

### 功率指示灯状态

| 指示灯：红色 | PIT | 25mw | 100mw | 200mw | 350mw |
|--------|-----|------|-------|-------|-------|
| 频率     | PIT | 25mw | 100mw | 200mw | 350mw |

### 频率表

| 频段(蓝灯) | 频道(绿灯) |      |      |      |      |      |      |      |
|--------|--------|------|------|------|------|------|------|------|
|        | 1      | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
| A      | 5865   | 5845 | 5825 | 5805 | 5785 | 5765 | 5745 | 5725 |
| B      | 5733   | 5752 | 5771 | 5790 | 5809 | 5825 | 5847 | 5866 |
| E      | 5705   | 5685 | 5665 | 5665 | 5885 | 5905 | 5905 | 5905 |
| F      | 5740   | 5760 | 5780 | 5800 | 5820 | 5840 | 5860 | 5880 |
| R      | 5658   | 5695 | 5732 | 5769 | 5806 | 5843 | 5880 | 5917 |

### 使用注意事项

- 通电前确定输出端已安装天线，以免损坏内部元件。
- 注意输入电压在规定范围内且正确无误,以免损坏内部元件。
- 图传在大功率工作下,外表面温度较高,严禁用手直接触摸，以免费伤。

### 公司信息

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公司名称：广东化骨龙科技有限公司

技术电话：18033023851（微信同号）

官网网址：https://hglrc.taobao.com

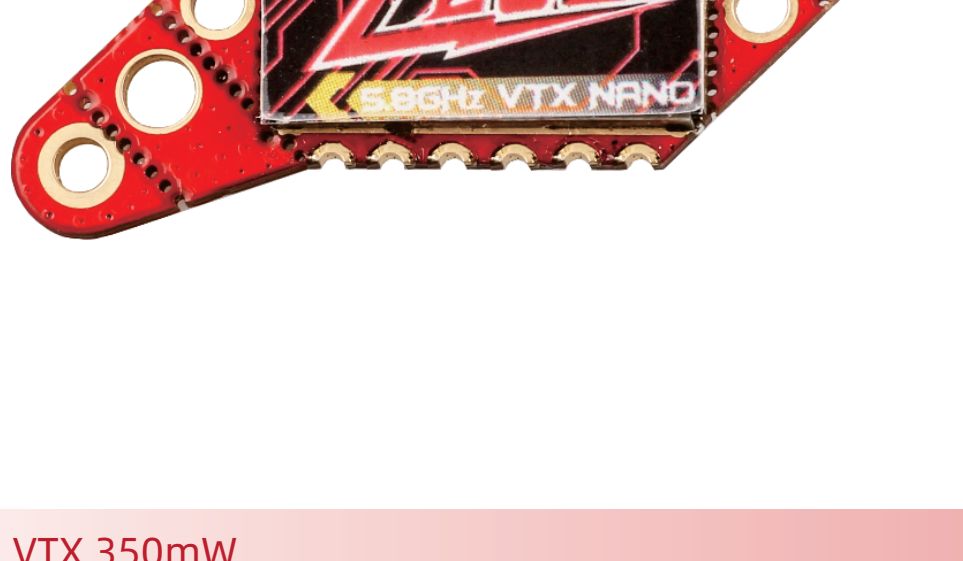
地址：东莞市大朗镇银英路28号泓鑫泰产业园B1栋





# Zeus nano VTX 350mW

## VTX manual



### Zeus nano VTX 350mW instruction manual



## Product parameters

Built-in Microphone

Input voltage: DC 5V PIT@75mA

25mW@180mA/16dBm

100mW@280mA/21.5dBm

200mW@330mA/24.5dBm

350mW@400mA/27.5dBm

Antenna interface:ipex

Output power:PIT/25/100/200/350mW

Standard 40 channels.A/B/E/F/R frequency group

Installing Hole:16X16/25.5x25.5mm.M2

20X20mm.M3

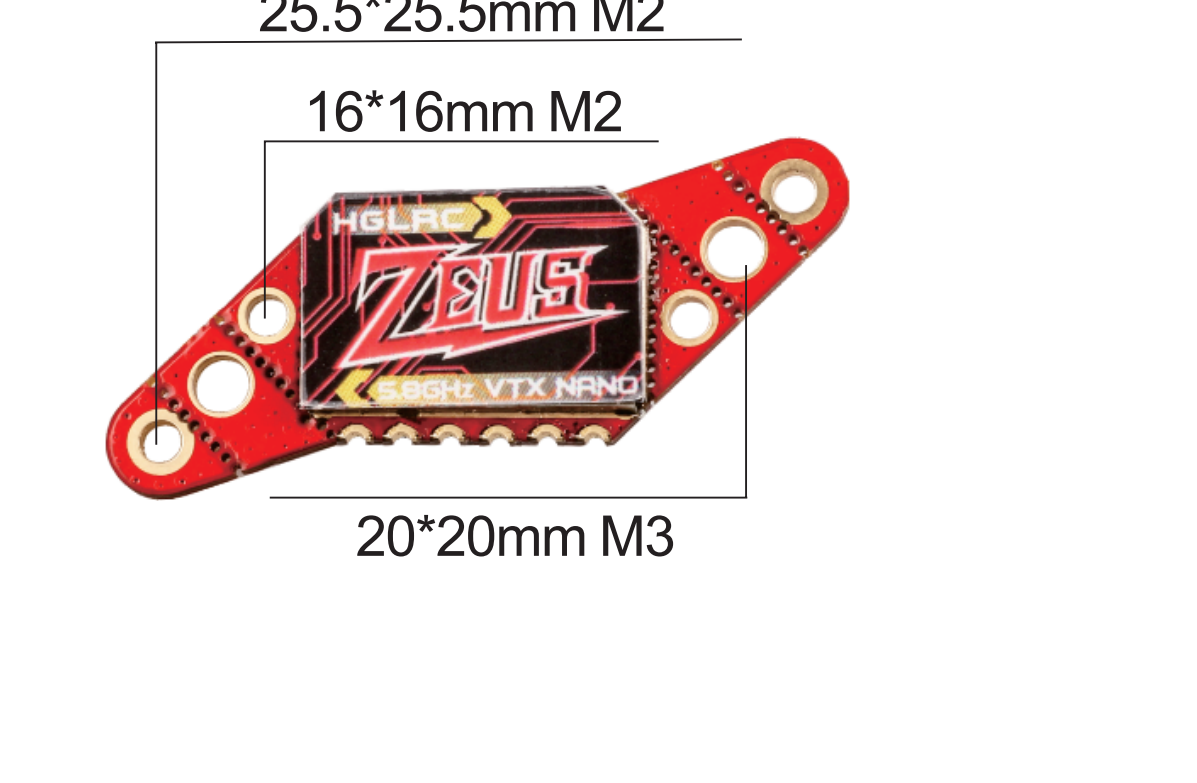
Size:18.6mmx13.6mmx6mm

Weight: 2.4g

### Zeus nano VTX 350mW Operating instructions



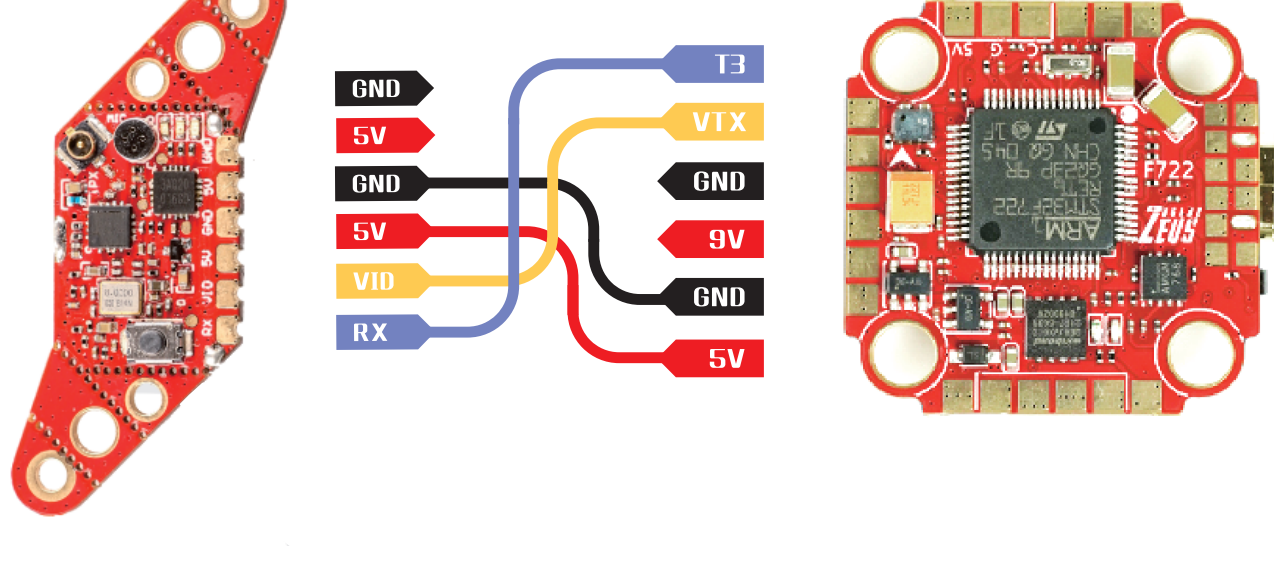
## Interface definition



### Zeus nano VTX 350mW Operating instructions



## wiring diagram



### Zeus nano VTX 350mW Operating instructions



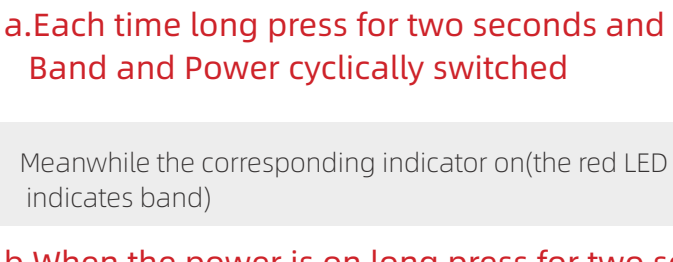
## Function and application description

1.Setting methods for VTX parameters:OSD controlthrough flight controller or VTX button control

2.The protocol used for OSD: IRC tramp

The parameter table value for output power

"25/100/200/350mW" is "25/100/200/350"



3.Definition of key control

a.Each time long press for two seconds and first start switching from channels. Channel, Band and Power cyclically switched

Meanwhile the corresponding indicator on(the red LED indicates power,the blue LED indicates channelthe green LED indicates band)

b.When the power is on long press for two seconds with the blue indicator on and enter the channel page

Then short press to switch the channel (the current channel is CH1→CH2→CH3→...CH8→CH1CH2 cyclically selected)

Select a channel with the indicator flashing the corresponding times

(when CH1 is selectedthe indicator flashes once; when CH2 is selected,the indicator flashes twice, and so on.)

c.Long press for two seconds with the green indicator on and enter the band page. Short press to switch the band (A→B→E→F→R→A cyclically selected).

Each time when you short press, a certain band will be selected.When band 1 is selectedthe blue indicator flashes once; when band 2 is selected the blue indicator flashes twice, and so on.

d.Long press for two seconds with the red indicator on and enter the power page. Short press to switch the power (25mw→100mw→200mw→350mw→PIT→25mw cyclically selected)

When 100mw is selectedthe red indicator flashes twice;

When 200mw is selectedthe red indicator flashes 3 times

When 350mw is selectedthe red indicator flashes 4 times;

When at Pit mode, the red indicator is always on.

When the drone arms long press in advance to directly enter the PIT mode

### Zeus nano VTX 350mW Operating instructions



## Power indicator status

| Indicator:RED | PIT | 25mw | 100mw | 200mw | 350mw |
|---------------|-----|------|-------|-------|-------|
| Frequency     | PIT | 25mw | 100mw | 200mw | 350mw |

### Zeus nano VTX 350mW Operating instructions



## Frequency form

| Frequency band (blue light) | channel (green light) |      |      |      |      |      |      |      |
|-----------------------------|-----------------------|------|------|------|------|------|------|------|
|                             | 1                     | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
| A                           | 5865                  | 5845 | 5825 | 5805 | 5785 | 5765 | 5745 | 5725 |
| B                           | 5733                  | 5752 | 5771 | 5790 | 5809 | 5825 | 5847 | 5866 |
| E                           | 5705                  | 5685 | 5665 | 5665 | 5885 | 5905 | 5905 | 5905 |
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### Zeus nano VTX 350mW Operating instructions



## Precautions for use

1. Make sure that the antenna is installed at the output before powering up to avoid damage to the internal components.

2. Make sure that the input voltage is within the specified range and is correct to avoid damage to the internal components.

3.When VTX is working at high power, the temperature of the external surface is high, it is strictly forbidden to touch it directly with hands to avoid injury.

## Company information

Sincerely thanks for everyone trust! Welcome to choose HGLRC products



Company name: Guangdong Huagulong Technology Co., Ltd.

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Official website: www.hglrc.com

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