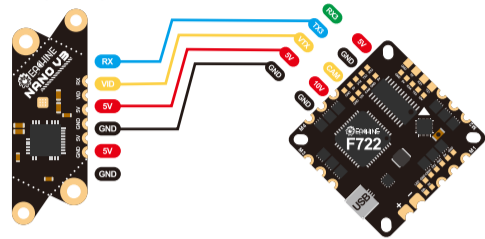
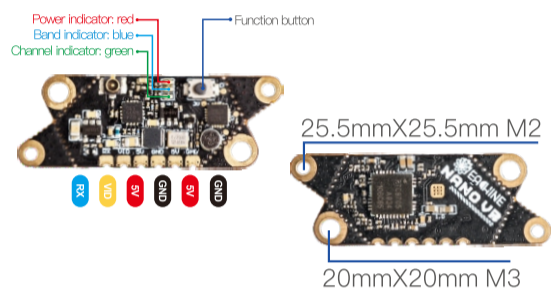


Wiring Diagram



Interface Definition

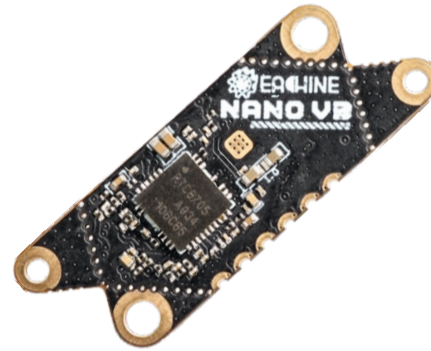


Company: Lotus NL B.V.
 Address: Koningin Julianaplein 10, 1e Verd, 2595AA, The Hague, Netherlands.
 E-mail: peter@lotusnl.com
 Tel: +31644168999

EC REP

CE FC RoHS MADE IN CHINA

Eachine NANO V3 VTX



User Manual

Product Parameters

Built-in Microphone
 Input voltage: DC 5V
 PIT@75mA
 25mW@180mA/16dBm
 100mW@280mA/21.5dBm
 200mW@330mA/24.5dBm
 400mW@400mA/27.5dBm
 Antenna interface: ipex
 Output power: PIT/25/100/200/400mW
 Standard 40 channels. A/B/E/F/R frequency group
 Installing Hole: 20X20mm.M3
 25.5X25.5mm.M2
 Size: 28mm x 13.6mm x 5mm
 Weight: 3g

Function button settings

- Setting methods for VTX parameters: OSD control through flight controller or VTX button control ;
- The protocol used for OSD: IRC tramp.
- The parameter table value for output power "25/100/200/400mW" is "25/100/200/400";

4 Number of power levels

1	2	3	4	Value
25	100	200	400	
25	100	200	400	Label

Power indicator status

indicator light: red	Always light	1 Flash stop	2 Flash stop	3 Flash stop	4 Flash stop
Power indicator	PIT	25mw	100mw	200mw	400mw

Frequency sheet

Band (Blue light)	CH(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	5685	5905	5905	5905
F	5740	5760	5780	5800	5820	5840	5860	5880
R	5658	5695	5732	5769	5806	5843	5880	5917

Button control definitions

- Long press for 2 seconds, the LED indicator will start switching from channel, band and power repeatly (red for power, blue for channel, green for band)
- Long press for 2 seconds until the blue indicator is ON for channel setup. Short press to switch channel. When CH1 is selected, the indicator flashes once; when CH2 is selected, the indicator flashes twice, and so on.
- Long press for 2 seconds until the green indicator is ON for band setup. Short press to switch band (A→B→E→F→R→A repeatly). When Band A is selected, the indicator flashes once; when Band B is selected, the indicator flashes twice, and so on.
- Long press for 2 seconds until the red indicator is ON for power setup. Short press to switch power (25mw→100mw→200mw→400mw→PIT→25mw repeatly). When 25mw is selected, the indicator flashes once; when 100mw is selected, the indicator flashes twice, and so on. The red indicator will be solid at Pit mode.
- When the drone arms, long-press in advance to directly enter PIT mode.