

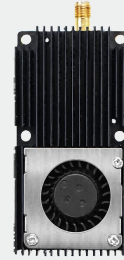


Independent
Development

FLYM-PV25W000-A1

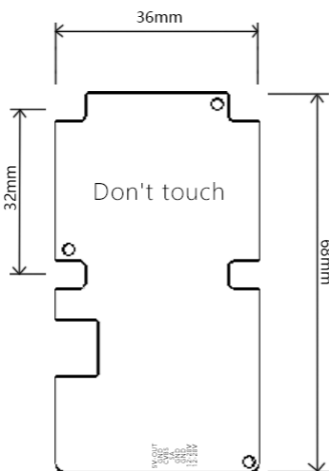
Product Features:

- Compatible with 5.8GHz frequency band for various FPV drones
- 80 channels to minimize interference and ensure signal stability
- 25W high output power for long-range stable transmission
- Supports one customer-defined frequency point
- All components protected under heat sink
- 4 Mounting Holes for Easier Installation



Technical Specifications:

Specifications	Model	FLYM-PV25W000-A1
Input Voltage		12-28V, 6S battery is suggested
Output Voltage		5V
Channels		80CH
Power		1W/5W/10W/16W/25W
Mounting Hole		30.5*30.5mm
Antenna Connector		SMA
Power Consumption		12V/2.8A 28V/1.1A
Extra Feature		Smart Audio/Built-in cooling fan&heat sink
Cable Connector		JST 8pin (Dual 12-28V Input and Dual GND)
Weight		47g
Size		68*36*15mm



Precautions:

- The dual 12 - 28V power input cables and dual ground cables must be precisely soldered to the corresponding pads in strict accordance with the positions. Do not solder only one of the cables to ensure stable power transmission of the device.
- Before powering on, make sure to complete the installation of the antenna connector and the antenna. Avoid device failures or performance degradation caused by non-installation.
- The device's heat sink plays a crucial role in heat dissipation. Any removal is strictly prohibited to prevent device damage due to overheating.
- To achieve good heat dissipation effect, please install the Video Transmitter (VTX) at the uppermost part of the drone frame. This can ensure sufficient airflow for heat dissipation.
- This video transmitter has a PIT mode (low - power mode), and the operation methods are as follows:
 1. With the help of the Betaflight ground station software, it is convenient to enter and exit the PIT mode.
 2. In addition, pressing and holding the device button for 15 seconds can also exit the PIT mode.
 3. If the PIT mode is not actively exited, the device will still remain in the PIT mode when powered on next time.



Band:

Press button for 3seconds until the English letter flashes in LED,then short press to select band A - b - E - f - r - P - L - U - O - X.

Channel:

Select channels 1/2/3/4/5/6/7/8 by simple short presses.

Power:

Press button for 3 seconds until the number quick flashes in LED,then short press to select power.

Power	1	2	3	4	5
FV10W-A1	1W	5W	10W	16W	25W

The LED will display "band""channel""power" successively after setting.
Notice: LED flashes a number 2 times quickly while displaying power.

For example:

For the FLYM-PV25W000-A ,flashes and show "5528" means "25W".

Band	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Band A	5865	5845	5825	5805	5785	5765	5745	5725
Band b	5733	5752	5771	5790	5809	5828	5847	5866
Band E	5705	5685	5665	5645	5885	5905	5925	5945
Band F	5740	5760	5780	5800	5820	5840	5860	5880
Band r	5658	5695	5732	5769	5806	5843	5880	5917
Band P	5653	5693	5733	5773	5813	5853	5893	5933
Band L	5333	5373	5413	5453	5493	5533	5573	5613
Band U	5325	5348	5366	5384	5402	5420	5438	5456
Band O	5474	5492	5510	5528	5546	5564	5582	5600
Band X	4990	5020	5050	5080	5110	5140	5170	5200