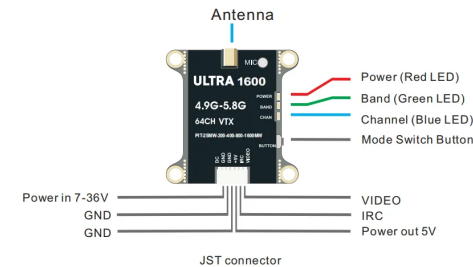
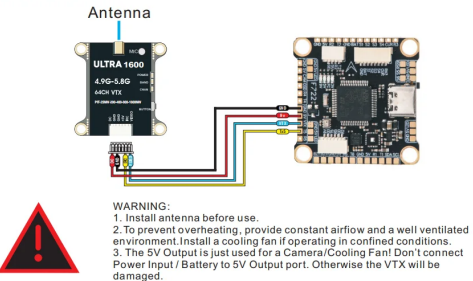


Instruction Diagram



JST Connection



Features

1. 1.6W super-power ,suitable for Long Range flight with good stability.
2. Six power levels: 25mW/200mW/400mW/800mW/1600mW/Pit mode .
3. Two-layer board cooling structure,separate power BEC and main-board,reducing and shielding from the insinal interference.
4. Temperature control protection function that can prevent high temperature burning.
5. Wide voltage input, supports 7V-36V voltage input.
6. VTX control protocol is IRC Tramp,supports OSD parameter adjustment.
7. VTX built in microphone,real-time return of Drone's sounds.
8. Has 3 regional frequency tables to meet the needs of various regions.
9. One function buttons, three indicator lights, easy to operate.
10. Mounting holes is 30.5mmx30.5mm.

How to set

1. How to set Channel:  
Press and hold for 2 seconds to enter the Channel Selection,Blue light flashing Short Press 1 seconds to change the channel:

LED Color	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Blue	Flash 1X	Flash 2X	Flash 3X	Flash 4X	Flash 5X	Flash 6X	Flash 7X	Flash 8X

2. How to set Band:  
Press and hold for 2 seconds to enter the Band Selection,Green light flashing Short Press 1 seconds to change the Band:

LED Color	Boscam_ A	Boscam_ B	Boscam_ E	FATSHARK	Race Band	Boscam_ D	LOWRACE	Boscam_ X
Green	Flash 1X	Flash 2X	Flash 3X	Flash 4X	Flash 5X	Flash 6X	Flash 7X	Flash 8X

3. How to set Power:  
Press and hold for 2 seconds to enter the Power Selection,Red light flashing Short Press 1 seconds to change the Power

LED Color	25mW	200mW	400mW	800mW	1600mW	Pit
Red	Flash 1X	Flash 2X	Flash 3X	Flash 4X	Flash 5X	Flash 6X

Frequency Table

Channel	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Boscam_ A	5865	5845	5825	5805	5785	5765	5745	5725
Boscam_ B	5733	5752	5771	5790	5809	5828	5847	5866
Boscam_ E	5705	5685	5665	5645	5885	5905	5925	5945
FATSHARK	5740	5760	5780	5800	5820	5840	5860	5880
Race Band	5658	5695	5732	5769	5806	5843	5880	5917
Boscam_ D	5362	5399	5436	5473	5510	5547	5584	5621
Low Race	5362	5399	5436	5473	5510	5547	5584	5621
Boscam_ X	4990	5020	5055	5080	5110	5140	5170	5200

Support IRC Tramp Protocol

Ultra1600 VTX supports the IRC TRAMP protocol and the modification of video transmission parameters through the remote control, including frequency, working power and so on.

NOTE: For BetaFlight flight controller firmware above BetaFlight 4.1.0,you need upload a VTX Table to the flight controller before using the remote control to modify the video transmitter parameters normally.

ULTRA1600\_VTX\_16W.json

For the use of the video transmitter table, please refer to this article "How to Setup Betaflight VTX Table – SmartAudio Tramp VTX Control" by Oscar Liang