

Lumenier TX5GS 5.8G Video Transmitter

32CH w/BFCMS Control

Specifications

- Input voltage: 7~27V(2~6S LiPo)
- 32 standard channels, A/E/F/R Band
- Output Power: 25, 200, 500mW switchable
- BEC Output: 5V/1A redundancy for Camera or FC
- Traditional button+LED control of frequency and power
- BFCMS (BFOSD & LUA Script) control via FC UART_TX

- Power Consumption: 3.1W Max. @ 500mW
- Video Input Impedance: 75 Ohm
- Audio Subcarrier Frequency: 6.5 MHz
- RF Connector: U.FL (IPEX)
- Video Format: NTSC/PAL

- Stackable or Double side tape mountable
- Firmware upgradeable

- Weight: 6g (Tx only, w/o SMA cable)
- Size: 36*22*6.5mm w/30.5mm mounting

Packing

- 5.8G Video transmitter
- MMCX to SMA Female, RG178 cable 9cm
- PVC Heat-shrink tube

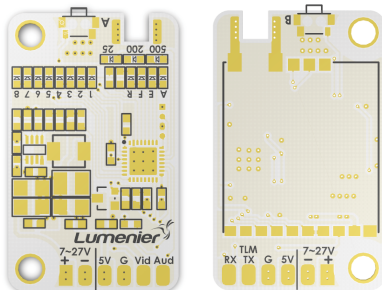
Settings

Frequency Table (MHz)

BFOSD	LED	1	2	3	4	5	6	7	8
BOSCAM A	A	5865	5845	5825	5805	5785	5765	5745	5725
BOSCAM E	E/Lu	5705	5685	5665	5752	5885	5905	5925	5866
FatShark	F	5740	5760	5780	5800	5820	5840	5860	5880
Raceband	R	5658	5695	5732	5769	5806	5843	5880	5917

Default: A1 5865, 500mW

Layout



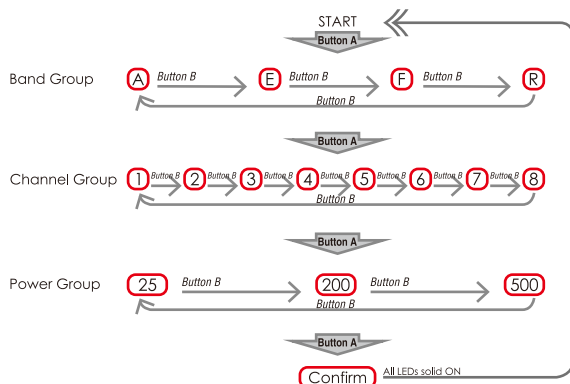
+ & -: 7~27V (2~6S) Input pads
5V: BECSV output, 1A redundancy

G: Ground

Vid: Video signal input

Aud: Audio signal input

TX/TLM: for BFCMS control via FC Uart_TX (Tramp Protocol)



Press Button A to select the Group.
Press B to select parameters in each Group.
When LED blinks, Group & parameter can be adjusted

New Frequency & Power will be saved if no button action within 10 seconds.
The VTX remains the current frequency until new setting is saved.

Tips:
BFOSD 25mw—VTX 25mw
BFOSD 100mw—VTX 200mw
BFOSD 200mw—VTX 200mw
BFOSD 400mw—VTX 500mw
BFOSD 600mw—VTX 500mw

In BFOSD E4=5645, E8=5945, no 5645 & 5945 in this VTX.
If you want to choose 5752 / 5866, pls choose B2 / B8 in BFOSD,
or choose it with buttons.