

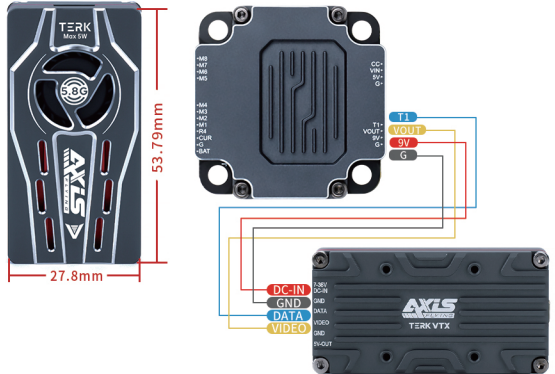
TERK VTX PRODUCT MANUAL

Product Specifications >>>

Type: TERK
Frequency: 5.8G band, 6 frequency groups,
48 transmission frequencies
Antenna Interface: MMCX
Output Power: 25mW, 400mW, 1W, 5W @12V1300mA
Input Power: 7-36 V DC
Adjustability: Button operation, OSD contro
Dimensions: 53.79*27.8*13.5mm
Weight: 27.5g
Mounting: 20*20mm



WARNING
Be sure to plug in the antenna
before powering up, or you will
burn this product!!!



Basic Settings >>>

1. Open the VTX settings, click "Load from File" to select and import the corresponding VTX table, then save the configuration.

Selected Mode		Current Values	
☐	Enter frequency directly	Device ready	Save
None	Band	VTX Type	Tramp
None	Channel	Band	None
None	Power	Channel	0
☐	Pit Mode	Frequency	0
0	Pit Mode frequency	Power	None
Off	Low Power Disarm	Pit Mode	No
		Pit Mode frequency	0
		Low Power Disarm	Off
Save Lua Script		Load from clipboard	
Save to file		Save	

3. Navigate to the "Video Transmission (VTX)" page and configure the following settings

Selected Mode	
☐	Enter frequency directly
BAND_A	Band
Channel 1	Channel
5	Power
None	Pit Mode
25	Pit Mode frequency
400	
1	
Off	Low Power Disarm

2. Access the port interface, enable the "Peripheral" → "IRCTRAMP" function for the corresponding UART port.

Ports

WIKI

Note: not all combinations are valid. When the flight controller firmware detects this serial port configuration will be reset.
Note: Do NOT disable MSP on the first serial port unless you know what you are doing. You may have to refresh and erase your configuration if you do.

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	Disabled	AUTO	Disabled	AUTO
UART1	115200	Disabled	AUTO	Disabled	AUTO
UART2	115200	Disabled	AUTO	Disabled	AUTO
UART3	115200	Disabled	AUTO	Disabled	AUTO
UART4	115200	Disabled	AUTO	Disabled	AUTO
UART5	115200	Disabled	AUTO	Disabled	AUTO
UART6	115200	Disabled	AUTO	Disabled	AUTO

Button Descriptions >>>

POWER Button:

The green light indicates power levels. Short press to cycle through power settings. The number of blinks corresponds to the power level: 1 blink for 25mW, 2 blinks for 400mW, 3 blinks for 600mW, 4 blinks for 1.6W, and 5 blinks for 3.0W. Long press for 2 seconds to switch to PIT mode, which is indicated by a solid light..

Band/CH Button:

The red light indicates the frequency group. Long press for 2 seconds to switch between frequency groups.

VTX Table												
6		Number of bands		8		Number of channels by band						
Name	Letter	1	2	3	4	5	6	7	8			
BAND_A	A	5865	5845	5825	5805	5785	5765	5745	5725	Band 1		
BAND_B	B	5733	5752	5771	5790	5809	5828	5847	5866	Band 2		
BAND_E	E	5705	5685	5665	5645	5685	5695	5925	5840	Band 3		
BAND_F	F	5740	5760	5780	5800	5820	5840	5860	5880	Band 4		
BAND_R	R	5658	5695	5732	5769	5806	5843	5880	5917	Band 5		
BAND_L	L	5362	5399	5436	5473	5510	5547	5584	5621	Band 6		

The number of blinks indicates the current frequency group: 1 blink for group A, 2 blinks for group B, 3 blinks for group E, 4 blinks for group F, 5 blinks for group R, 6 blinks for group L, and 7 blinks for group X.

The blue light indicates the frequency point. Short press to cycle through frequency points CH1 to CH8..