

闪烁 1 次表示频组 A，闪烁 2 次表示频组 B，闪烁 3 次表示频组 E，
闪烁 4 次表示频组 F，闪烁 5 次表示频组 R，闪烁 6 次表示频组 L，
闪烁 7 次表示频组 X；蓝灯指示频点，短按切换频点 CH1-CH8 循环切换。

TERK 5.8G 3W VTX PRODUCT MANUAL

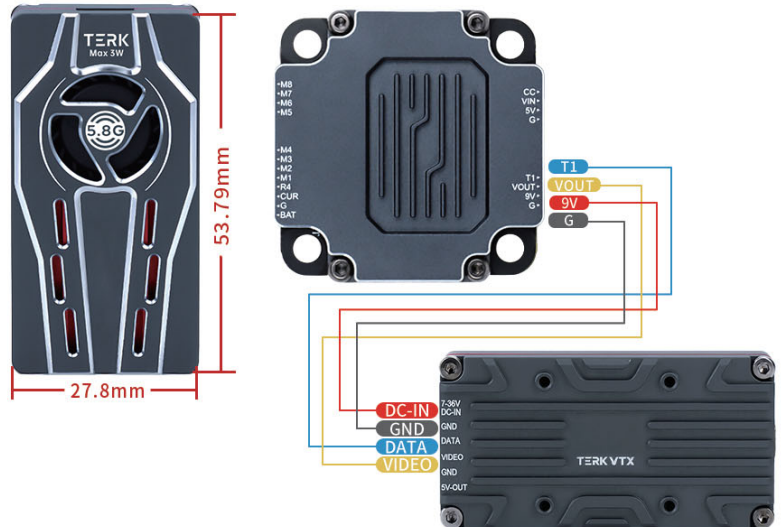
Product Specifications >>>

Type:	TERK
Frequency:	5.8G band, 7 frequency groups, 56 transmission frequencies
Antenna Interface:	MMCX
Output Power:	25mW,400mW,600mw,1.6W,3.0W @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 False
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 Save to file Load from file Load from clipboard Save	

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 the 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 reflash and erase your configuration if you do.

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	☐	Disabled	AUTO	Disabled
UART1	115200	☐	Disabled	AUTO	VTX (IRC Tramp)
UART2	115200	☐	Disabled	AUTO	Disabled
UART3	115200	☐	Disabled	AUTO	Disabled
UART4	115200	☐	Disabled	AUTO	Disabled
UART5	115200	☐	Disabled	AUTO	Disabled
UART6	115200	☐	Disabled	AUTO	Disabled

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

Selected Mode	Enter frequency directly
BOSCAM_A Band	Use the drop-down menu to select the frequency band
Channel 1 Channel	Use the drop-down menu to select the channel
3.0 Power	Use the drop-down menu to select the power output
☐ Pit Mode	
Pit Mode frequency	
Low Power Disarm	

VTX Table										
7 Number of bands	8 Number of channels by band									
Name	Letter	1	2	3	4	5	6	7	8	
BOSCAM_A	A	5865	5845	5825	5805	5785	5765	5745	5725	Band 1
BOSCAM_B	B	5733	5752	5771	5790	5809	5828	5847	5866	Band 2
BOSCAM_E	E	5705	5685	5665	5645	5885	5905	5925	5945	Band 3
FATSHARK	F	5740	5760	5780	5800	5820	5840	5860	5880	Band 4
RACEBAND	R	5658	5695	5732	5769	5806	5843	5880	5917	Band 5
LOWRACE	L	5362	5399	5436	5473	5510	5547	5584	5621	Band 6
BAND_X	X	4990	5020	5050	5080	5110	5140	5170	5200	Band 7
5 Number of power levels	You can increase the number of power levels here; the default is 5 levels									
1	2	3	4	5						
25	400	600	1600	3000	Value					
25	400	600	1.6	3.0	Label					

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.

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.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.