

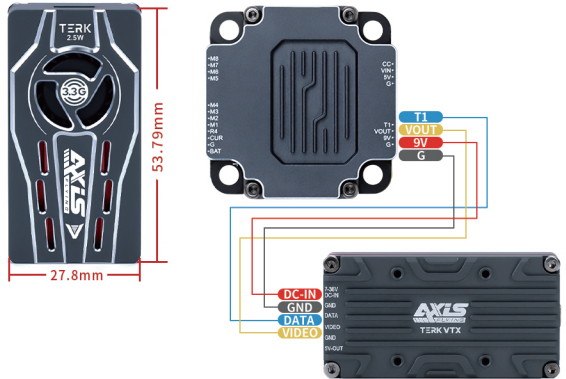
TERK VTX PRODUCT MANUAL

Product Specifications >>>

Type:	TERK
Frequency:	3.3G band, A,B 2frequency group, 16 transmission frequencies
Antenna Interface:	MMCX
Output Power:	25mW,400mW,1W,2.5W @12V900mA
Input Power:	9-28V
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

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 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

Peripherals dropdown menu:

- ✓ Disabled
- Benecke LIDAR
- Blackbox logging
- Camera (RunCam Protocol)
- OSD (E-Sky Protocol)
- VTX (IRC Tramp)
- VTX (MSP + Displayport)
- VTX (TBS SmartAudio)

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

Selected Mode	
☐ Enter frequency directly	
BAND_A	Band
Channel 1	Channel
2W5	Power
None	Pit Mode
25	Pit Mode frequency
400	
1W	
2W5	
Off	Low Power Disarm

VTX Table									
2		Number of bands		8		Number of channels by band			
Name	Letter	1	2	3	4	5	6	7	8
BAND_A	A	3060	3080	3100	3120	3140	3160	3180	3200
BAND_B	B	3220	3240	3260	3280	3300	3320	3340	3360
4		Number of power levels		You can increase the number of power levels here; the default is 4 levels					
1	2	3	4						
25	400	1000	2500	Value					
25	400	1W	2W5	Label					

Button Descriptions >>>

POWER Button:

Green light indication, short press to switch power, blinking times to indicate the current power; blinking 1 time for 25mW, blinking 2 times for 400mW, blinking 3 times for 1W, blinking 4 times for 2.5W, long press 2S to switch the PIT mode, always on to indicate the PIT mode.

Band/CH Button:

Red light indicates the frequency group, long press 2s to switch the frequency group, blinking times indicate the current frequency group; blinking 1 time indicates the frequency group A, blinking 2 times indicates the frequency group B.

Blue light indicates the frequency point, short press to switch the frequency point CH1-CH8 cycle switching.