Aeris Link TX
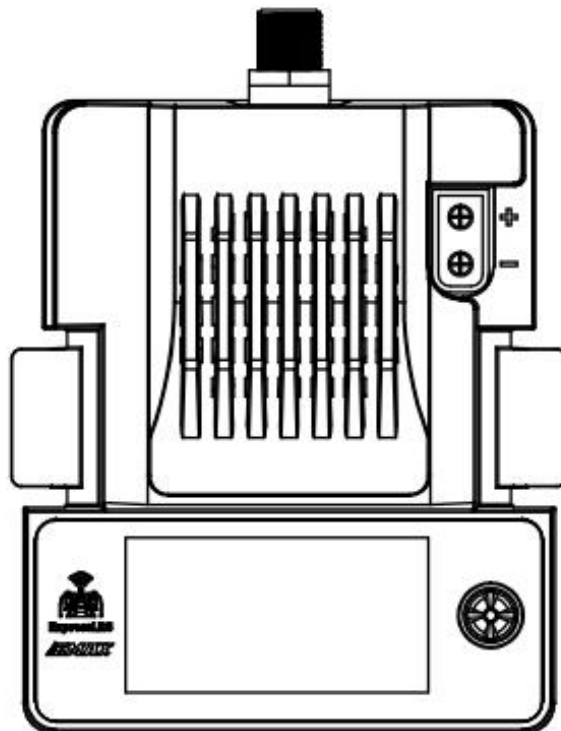# 2.4G/915M

Thanks for purchasing Aeris Link TX 2.4G/915M .

Please follow the instruction manual to assemble and configure your product.
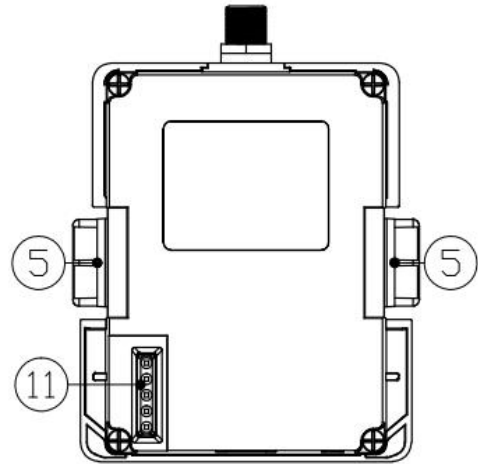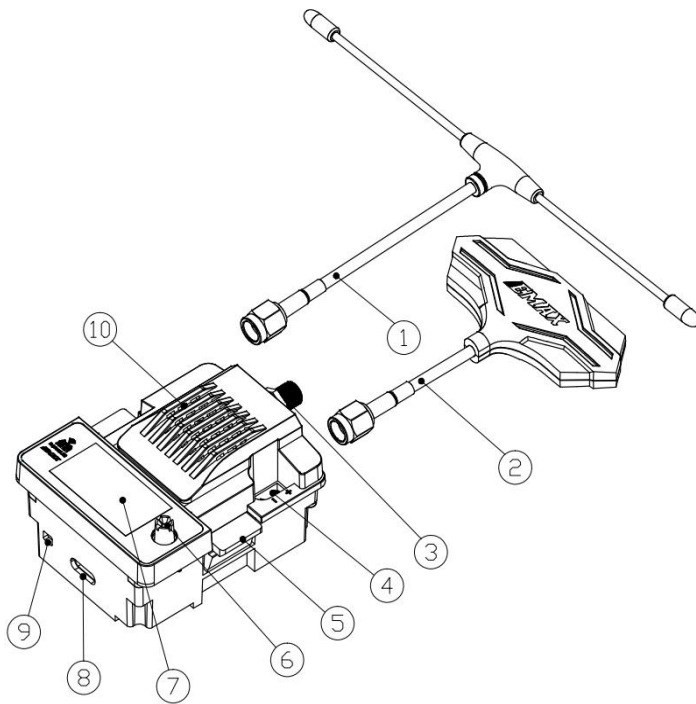
Disclaimer:

Before using this product, users are advised to carefully read this disclaimer. Once the product is used, it will be considered as an acceptance and agreement to all the contents of this disclaimer. This product is not suitable for individuals under the age of 18. Aeris Link TX 2.4G/915M high-frequency module is a new generation remote control wireless system based on the open-source project ExpressLRS. The ExpressLRS system features long control distance, stable connection, low latency, high refresh rate, and flexible configuration. When using this product, please carefully read the user manual and follow the guidelines to ensure proper power supply and correct operation. In case of personal injury or property damage (directly or indirectly) resulting from the use of this product, our company will not be held liable for any civil or legal responsibilities.

Precautions:

1. Please follow the instructions in the user manual to correctly assemble and operate this product.

2. Avoid dropping or impacting the product to prevent malfunctions.

3. Do not block the cooling vents to avoid overheating.

4. If you experience any discomfort during use, immediately stop using the product and consult a doctor before resuming.

5. Do not use this product while under the influence of alcohol, drugs, medication anesthesia, feeling dizzy, fatigued, or in an impaired mental state.

6. Do not disassemble, modify, or use other parts and accessories beyond the recommended configuration requirements.

7. Do not use a damaged high-frequency module to prevent the risk of short-circuits, fires, and other hazards.

8. Do not submerge the product in water.

9. Avoid using the product in adverse weather conditions such as strong winds, rainy days, lightning, or snow.

10. Do not use the product in environments with strong electromagnetic interference.
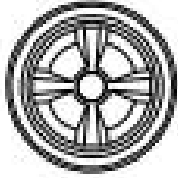
1.Description

1. 915M-Typed Antenna

2. 2.4G-Typed Antenna

3. Antenna Interfaces:

    915M: SMA-KY external thread, internal socket

    2.4G: RP-SMA-KY external thread, internal pin

4. Power (XT30) Interface

5. Mounting Slots

6. Five-Way Buttons

7. Display Screen

8. Type-C Interface

9. Near: FLASH Button Far: Reset Button

10. LED Light, Fan, and Ventilation Port

11.JR link

2. Operation Instructions:

Five-Way Buttons (Left, Right, Up, Down, Center):
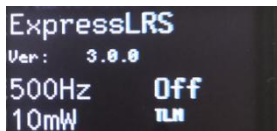
Left (Press to exit the current menu).

Right (Short press to enter the next level menu,

long press to access menu options in the information   display screen).

Up (Select options upward).

Down (Select options downward).

Center (Press to confirm a selection, long press to access menu options in the information display screen).

Information Display Screen:

This is the screen that displays relevant information and settings.

First level menu	Secondary Menu	Third level menu	notes
PACKET RATE		50Hz (Purple light) 100Hz FULL (Purple light) 150Hz (Deep blue light) 250Hz (Light blue light) 333Hz FULL (Light blue light) 500Hz (Blue-green light) D250Hz (Green light) D500Hz (Yellow-green light) F500Hz (Orange light) F1000Hz (Orange light)	**2.4G Version:** The refresh rate can be adjusted to change the color of the LED light and fan. Default 250hz（Blue light)
		25Hz (Purple light) 50Hz (Blue light) 100Hz (Blue-green light)	**915M Version:** The refresh rate can be adjusted to change the color of the LED light and fan. The default refresh rate is

		100Hz Full (Yellow-green light) 200Hz (Red light)	50Hz (Blue light).
TX POWER	MAX POWER	10mW(Default) 25mW 50mW 100mW 250mW 500mW 1000mW	**2.4G Default**： Max 1W, Default 10mW, supports the adjustment of power levels
	MAX POWER	10mW(Default) 25mW 50mW 100mW 250mW 500mW 1000mW 2000mW	**915M Version**： Max 2W, Default 10mW, supports the adjustment of power levels
	DYNAMIC	OFF ON AUX9 AUX10 AUX11 AUX12	
	Fan Thresh	10mW 25mW 50mW 100mW 250mW 500mW 1000mW 2000mW Never	The fan startup is controlled by a power switch, and you can adjust it according to your specific needs. The default fan startup power is set at 10mW. Note: Please set it on the remote controller.
TELEM RATIO		Std OFF 1：128 1：64 1：32 1：16 1：8 1：4 1：2 Race	Default OFF （OFF）
BLE GAMEPAD		Press to start ble joystick	
BIND MODE		The high-frequency module enters the binding state. Note: The high-frequency module enters the binding state without any visual indication such as LED flashing. After 5 seconds, the high-frequency module will automatically exit the binding state. Note: If you have re-flashed the firmware of the high-frequency module and configured a binding password (Binding Phrase), you cannot enter the binding state using the method mentioned above. In this case, please set the receiver with the same binding password as the high-frequency module, and they will automatically establish a binding connection.	
WIFI ADMIN	TX WIFI	P/# expresslrs	The high-frequency module enables the WiFi function for firmware updates.
	RX WIFI		
	BACKPACK		

	WIFI		http://10.0.0.1
	VRX WIFI		
VTX ADMIN	CHANNEL	1 2 3 4 5 6 7 8	Default 1
	BAND	OFF A B E F R L	Default OFF
	POWER	- 1 2 3 4 5 6 7 8	Default -
	PIT MODE	OFF On AUX1↑ AUX1↓ AUX2↑ AUX2↓ AUX3↑ AUX3↓ AUX4↑ AUX4↓ AUX5↑ AUX5↓ AUX6↑ AUX6↓ AUX7↑ AUX7↓ AUX8↑ AUX8↓ AUX9↑ AUX9↓ AUX10 ↑ AUX10↓	Default OFF
	SEND		
Version：	V3.0		

Warning:

1. Before powering on, please make sure to install the appropriate antenna, or it may result in damage to the chipset.

2. When operating at high power, please use an external power source to avoid insufficient power supply to the remote controller.

Product Specifications:

Weight	Approximately 59g (excluding antenna)
Dimensions	72 x 63 x 35mm (excluding antenna)
Screen Size	1.29 inches
Screen Resolution	64*128
Operating Frequency	**2.4G Version:** 2.4GHz ISM **915M/868M Version:** 915MHz FCC/868MHz EU
Output Power	10mW (default) **2.4G Version:** Adjustable power levels of 25mW/50mW/100mW/250mW/500mW/1000mW **915M Version:** Adjustable power levels of 25mW/50mW/100mW/250mW/500mW/1000mW/2000mW
Refresh Rate	**2.4G Version:** 50hz, 100hz FULL, 150hz, 250hz, 333hz FULL, 500hz, D250hz, D500hz, F500hz, F1000hz **915M Version:** 25hz, 50hz, 100hz, 100hz Full, 200hz
Antenna	**2.4G Version:** Built-in gain T-shaped antenna, can also use other antennas with RP-SMA-J internal thread and female connector **915M Version:** Built-in gain T-shaped antenna, can also use other antennas with SMA-J internal thread and male connector
Configuration	Supports Crossfire serial data protocol (CRSF) signal, compatible with OpenTX remote controllers.
Interfaces	Type-C Interface, JR Interface
External Power	XT30 Interface (supports voltage input of 5-21V, recommended to use 2S (8.4V))

4. Product List:

2.4G Version:

Aeris Link TX 2.4G Module..x1

2.4G-Typed Antenna..x1

Product Introduction Manual Website Card............x1

915M Version:

Aeris Link TX 915M Module..x1

915M-Typed Antenna..x1

Product Introduction Manual Website Card............x1

About the disposal of the product:

When you need to dispose of this product (plastic shell containing printed circuit board), please follow the local residential waste disposal regulations for proper disposal.

Thanks for choosing EMAX products!

⚠️

Warning:

1.Once again, we remind you to avoid using this product for an extended period to prevent discomfort. If you experience any discomfort during use, please stop using it immediately and resume use only after obtaining permission from a doctor. This product is not suitable for individuals under the age of 18!

2.Before powering on, make sure to install the appropriate antenna to avoid damaging the chipset!

3.When operating at high power, please use an external power source to prevent insufficient power supply to the remote controller!

4.When changing the power, please follow the relevant local laws and regulations!

www.emaxmodel.com
www.emax-usa.com