

## Receiver Specifications

Channels: 8

Frequency range: 2400-2483.5Mhz

Power input range: 4.5-6V

Transmitter protocol: D8

Output protocol: SBUS inverted

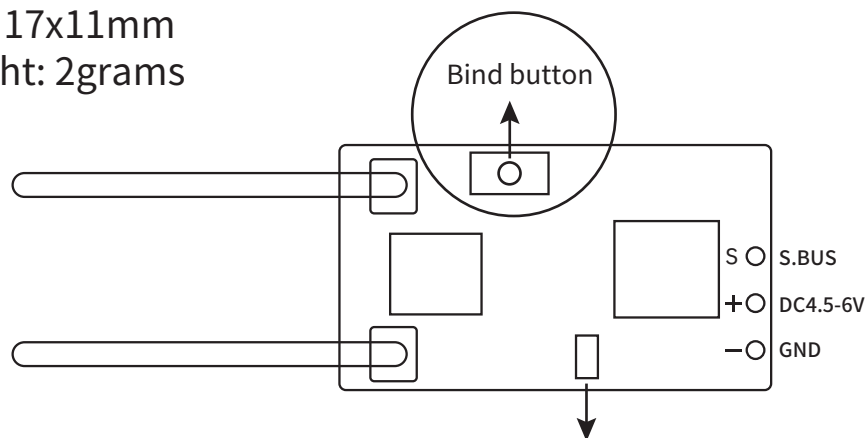
RSSI: supported

Control distance: more than 1km

Antenna length: ~9cm

Size: 17x11mm

Weight: 2grams



Receiver LED is OFF if not connected to a transmitter even if power is connected!

### Bind Option 1:

1. Press and hold the BIND button on the receiver and connect power while still holding it. After about 3 seconds the receiver LED turns RED, BIND button can be released. BIND mode successfully initiated!
2. Select the D8 protocol on your transmitter (RC) and set it to BIND mode. The receiver LED starts to flash. Transmitter successfully linked to the receiver!
3. Exit BIND mode on your transmitter and disconnect power from the receiver. Reconnect power to your receiver and the LED should turn on and stay RED. Your transmitter has been recognized and linked!

### Bind Option 2:

1. Power on the receiver first, right afterwards press and hold the BIND button until the LED turns RED, then release the BIND button. BIND mode successfully initiated!
2. Select the D8 protocol on your transmitter (RC) and set it to BIND mode. The receiver LED starts to flash. Transmitter successfully linked to the receiver!
3. Exit BIND mode on your transmitter and disconnect power from the receiver. Reconnect power to your receiver and the LED should turn on and stay RED. Your transmitter has been recognized and linked!

### Failsafe Setup:

1. Make sure your receiver and transmitter have been successfully linked using the above BIND method.
2. Only power on your transmitter and set all sticks and switches to a safe Failsafe setting.
3. Power on the receiver, wait for the red LED indicating it's linked to your transmitter and press the BIND button within the first 10 seconds. The receiver will save all the current channel values of your transmitter as your Failsafe setup in case of a signal loss. Receiver can now be powered off.
4. 10 seconds after the receiver is powered on, the BIND button Failsafe function will be disabled to prevent accidental changes.

### RSSI Setup:

This receiver has a total of 9 SBUS channels (8 control channels + 1 RSSI channel). Channels 1-8 are controlled by your transmitter, the 9th channel is the signal strength RSSI value output of your receiver which can be read by various flight controllers and sent to the OSD (OnScreenDisplay) to show signal strength in the FPV video feed.