

REVENTON

LEADING INNOVATIVE BRUSHLESS SYSTEM

WIRELESS WI-FI MODULE



Compatible With:

iPhone
iPad
iPod Touch

** Plastic Case Is Included*

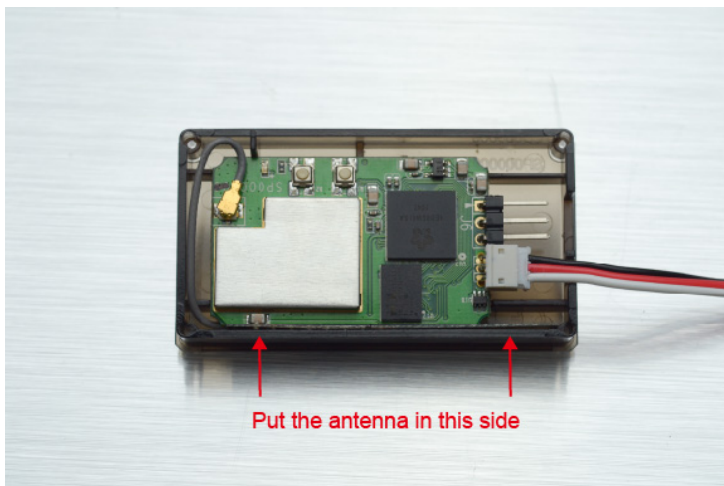
USER MANUAL

WWW.SPEEDPASSION.NET

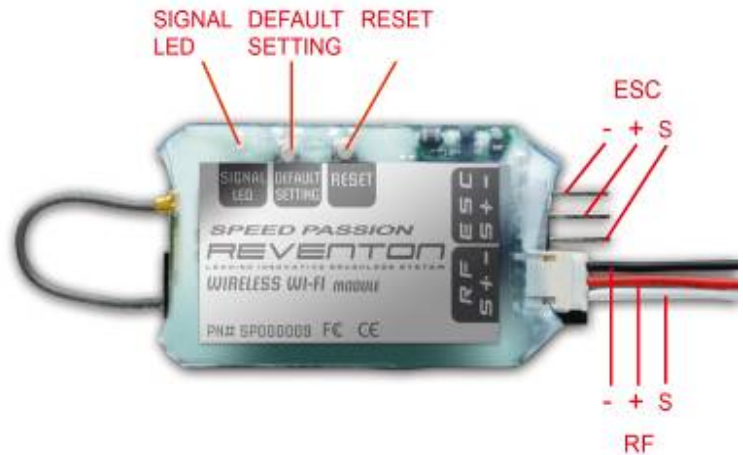
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Wi-Fi Module Layout





With plastic box



Stand alone

1. Connecting the Wi-Fi Module:

1.1 Download the "Reventon" App  in the Apple App store 
Compatible with iPhone, iPad, iPod touch with iOS 4.1 or above.

Search "Reventon" in App Store or visit the below link:

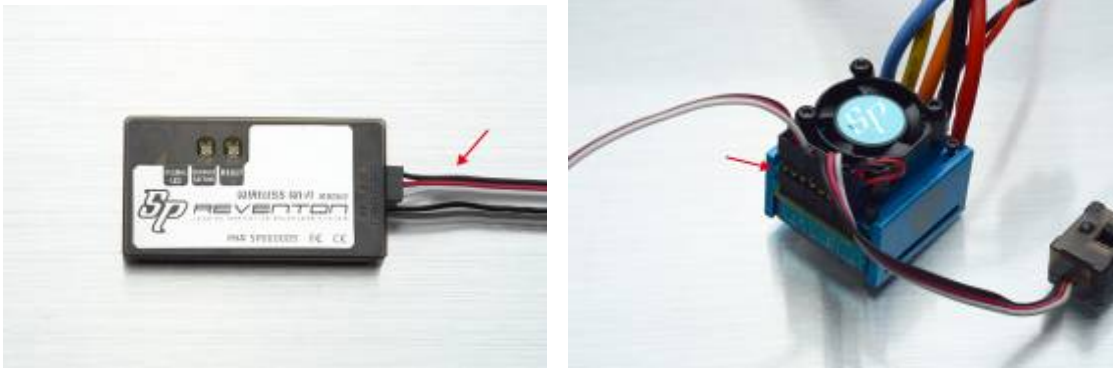
<http://itunes.apple.com/hk/app/reventon/id489795844?mt=8>



1.2 Connect the Wi-Fi Module to the Receiver



1.3 Connect the Wi-Fi Module to the ESC



1.4 Turn on the ESC. The RED LED will flash continuously until the Wi-Fi module is connected with iOS Device (iPhone /iPad/ iPod touch). The RED LED will turn on once connected.

	LED light status
Wi-Fi module not connect to any device	Flash per 2 second
Wi-Fi module is connected to iOS Device (iPhone /iPad/ iPod touch)	Turn on
Wi-Fi module is connected to "Reventon" app	Flash per 0.5 second

1.5 Wi-Fi module supports **WEP 64** bit encrypted wireless network (**Reference to point 4**).

1.7 As long as iOS Device (iPhone /iPad/ iPod touch) is connected to the Wi-Fi module, the user can change the SSID and password via the Speed Passion Reventon Application. (**Reference to point 3**)

1.8 If password has been lost or forgotten, keep the Wi-Fi Module power on and disconnect between iOS Device (iPhone /iPad/ iPod touch) and Wi-Fi module, and hold the "Default Setup" button at the Wi-Fi Module for 3 seconds.

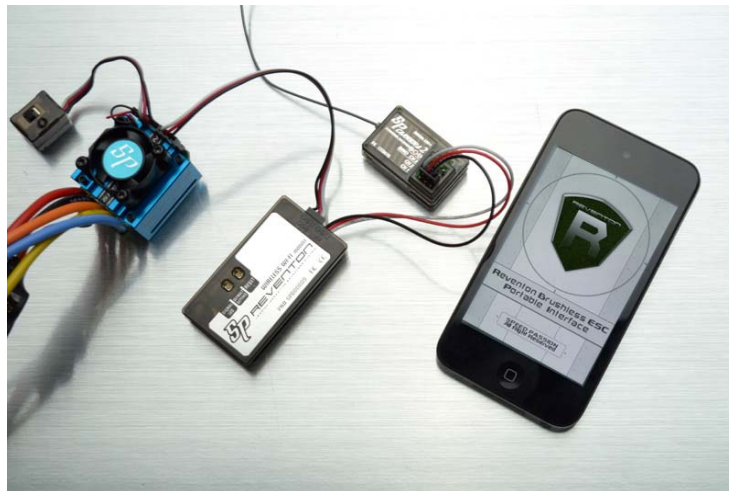


The Wi-Fi configuration will return to factory settings as shown below:



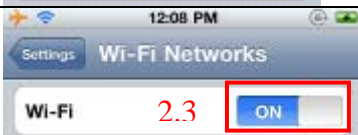
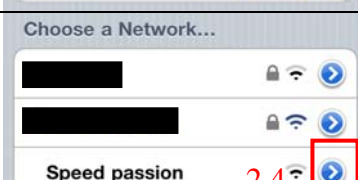
SSID	Speed passion
IP	192.168.11.123
User name	admin
Password	000000



Baud rate	19200
Data bits	8
Parity bits	0
Start stop bit	1

1.9 Connection between Wi-Fi module and iOS Device (iPhone /iPad/ iPod touch).





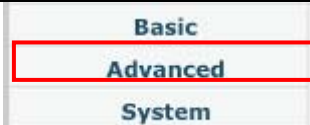



2. Setup Wi-Fi module:

2.1 Select the "Settings" icon.	
2.2 Select "Wi-Fi" to go to the Wi-Fi Networks screen.	
2.3 Turn Wi-Fi on.	
2.4 Enter Wi-Fi settings by pressing the blue button next to "Speed passion".	




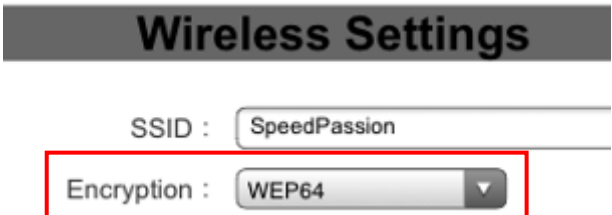
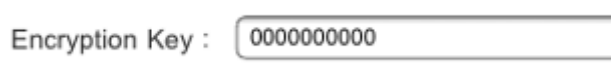
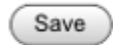
<p>2.5 Select static network, enter IP address "192.168.11.223", subnet mask "255.255.255.0". Go back to Wi-Fi Network screen.</p>	
<p>2.6 Finally, select "Speed passion" Wi-Fi. The Wi-Fi module is now connected.</p>	

3.Change SSID and Password

<p>3.1 Open the Reventon app and connect to the Wi-Fi module.</p>	
<p>3.2 Go to the "Options" page and select the "Wi-Fi Module Setting" button.</p>	
<p>3.3 Enter username and password and select the "OK" button to login into the website. Default username is: admin Default password is: 000000</p>	
<p>3.4 Select the "Basic" page.</p>	
<p>3.5 Change SSID and press the "Save" button in the "Wireless Settings" section.</p>	
<p>3.6 The Wi-Fi module will restart.</p>	
<p>3.7 Repeat steps 1 through step 3 to change the password.</p>	
<p>3.8 Select the "Advanced" page.</p>	

3.9 Change the password and press the "Save" button in the "Others" section. Password must be 6 characters.	
3.10 Wi-Fi module will restart.	
3.11 The SSID and password has now been changed.	

4.Set WEP Encryption

4.1 Open the Reventon app and connect to the Wi-Fi module.	
4.2 Go to the "Options" page and select the "Wi-Fi Module Setting" button.	
4.3 Enter username and password and select the "OK" button to login into the website.	
4.4 Select the "Basic" page.	
4.5 Go to the "Wireless Settings" section.	
4.6 Choose Encryption "WEP64"	
4.7 Enter encryption key (10 digits)	
4.8 Press "Save" button	
4.9 Wi-Fi module will restart.	
4.10 WEP encryption has now been set.	

5.Apple Reventon screen

Icon



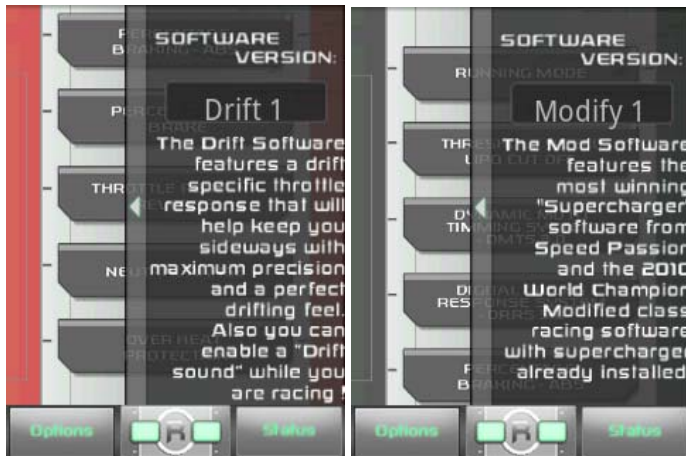
Loading page



1. Esc setting Page



Information bar



Needle style



Bar style



2. Connection page



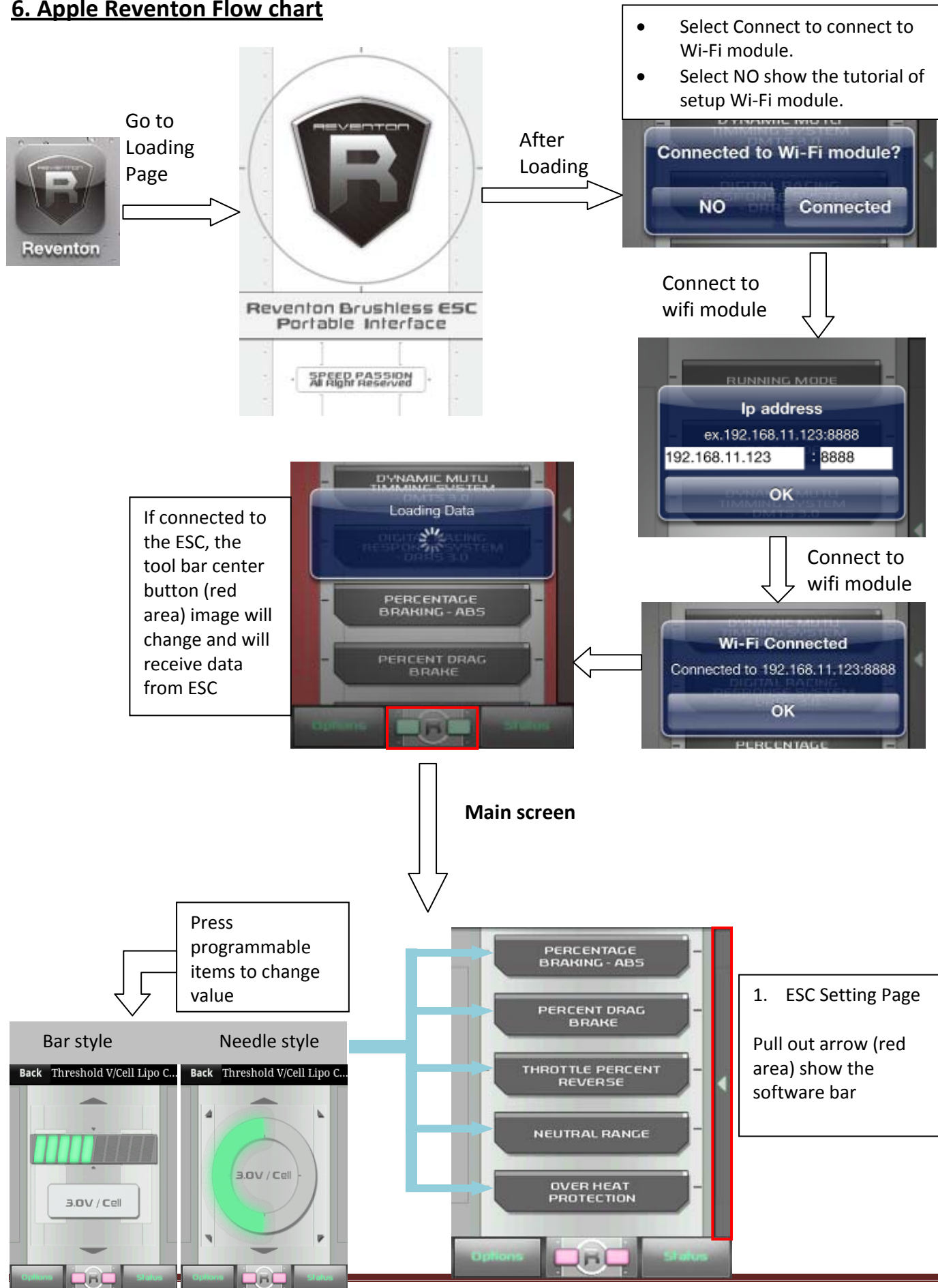
3. Option page



4. Status page

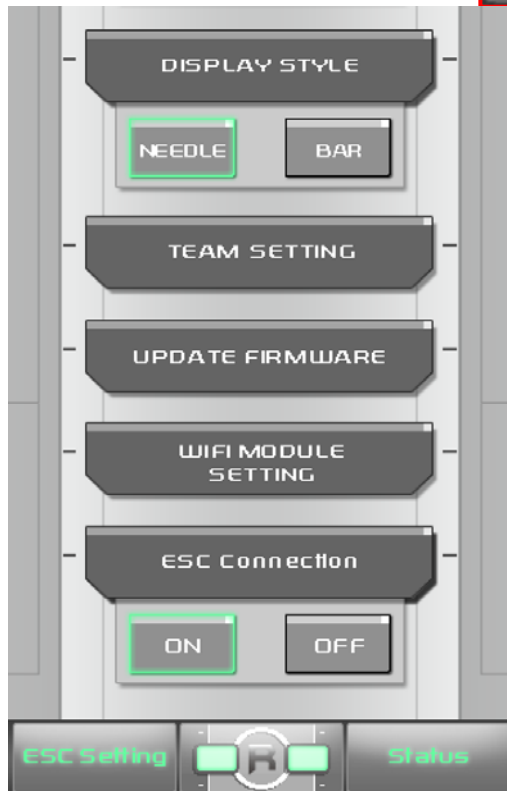
Pink color means the data is changed and data not updated to ESC.		Threshold V/Cell No Protection		Digital Racing Response System -DRRS Level 7	
Black color means the data is not changed or data updated to ESC.		Lipo Cut Off		3.0	
App Software Version	V1.0	Dynamic Multi Timing System -	26.5	Percentage Braking -ABS	30%
ESC Temperature	35.0	DMTS 3.0		Percent Drag Brake	20%
ESC Voltage	7.6	Digital Racing Response System -DRRS	Level 7	Throttle Percent Reverse	50%
ESC Firmware Version	MOD0---V10	3.0		Neutral Range	6%
ESC Model	Reventon-S	Percentage Braking -ABS	30%	Over Heat Protection	Enable =95c cut off
Running Mode	Forward / reverse with brake	Percent Drag Brake	20%	**REMEMBER press 'R' send the data to the ESC.	
Threshold V/Cell		Throttle Percent Reverse	50%		
		Neutral Range	6%		
Options	ESC Setting	Options	ESC Setting	Options	ESC Setting

6. Apple Reventon Flow chart



Tool Bar

3. Option Page

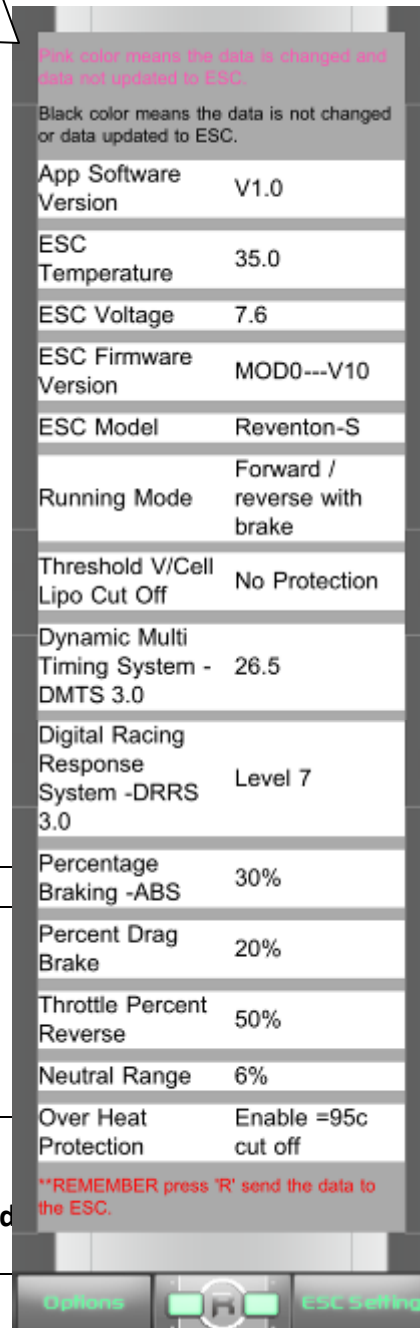


2. Connection Page



1. ESC Setting page

4. Status Page

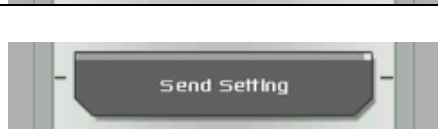


2. Connection Page functions

- Show the connection status.



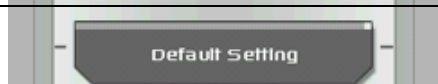
- Send setting data
As long as any parameter data is changed, user must press "send setting" button to send the setting data to the ESC.



- Read setting data








- Reset to default setting data.



- If the esc is in the drift program mode, user can play the drift sound.



3. Option Page functions

	<ul style="list-style-type: none"> Choose the display style of set esc setting page. 						
	<ul style="list-style-type: none"> Go to team setting page 						
	<ul style="list-style-type: none"> Update firmware 						
	<ul style="list-style-type: none"> Setup Wi-Fi module 						
	<ul style="list-style-type: none"> Turn On/Off ESC Connection <p>Before close the Reventon app, must disconnect to the ESC connection. Otherwise, the ESC could not be control by the Receiver</p> <table border="1" data-bbox="547 748 1165 909"> <thead> <tr> <th></th><th>LED light status</th></tr> </thead> <tbody> <tr> <td>If ESC Connection ON</td><td>Flash per 0.5 second</td></tr> <tr> <td>If ESC Connection OFF</td><td>Flash 2 times per 2 second</td></tr> </tbody> </table>		LED light status	If ESC Connection ON	Flash per 0.5 second	If ESC Connection OFF	Flash 2 times per 2 second
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If ESC Connection ON	Flash per 0.5 second						
If ESC Connection OFF	Flash 2 times per 2 second						

4. Status Page functions																	
<p>Pink color means the data is changed and data not updated to ESC.</p> <p>Black color means the data is not changed or data updated to ESC.</p> <table border="1" data-bbox="75 1144 523 1205"> <tr> <td>App Software Version</td><td>V1.0</td></tr> </table>	App Software Version	V1.0	<ul style="list-style-type: none"> Show app software version 														
App Software Version	V1.0																
<table border="1" data-bbox="75 1216 523 1288"> <tr> <td>ESC Temperature</td><td>35.0</td></tr> </table>	ESC Temperature	35.0	<ul style="list-style-type: none"> Show ESC Temperature 														
ESC Temperature	35.0																
<table border="1" data-bbox="75 1299 523 1370"> <tr> <td>ESC Voltage</td><td>7.6</td></tr> </table>	ESC Voltage	7.6	<ul style="list-style-type: none"> Show ESC Voltage 														
ESC Voltage	7.6																
<table border="1" data-bbox="75 1382 523 1453"> <tr> <td>ESC Firmware Version</td><td>MOD0---V10</td></tr> </table>	ESC Firmware Version	MOD0---V10	<ul style="list-style-type: none"> Show the ESC firmware version 														
ESC Firmware Version	MOD0---V10																
<table border="1" data-bbox="75 1464 523 1536"> <tr> <td>ESC Model</td><td>Reventon-S</td></tr> </table>	ESC Model	Reventon-S	<ul style="list-style-type: none"> Show the ESC model 														
ESC Model	Reventon-S																
<table border="1" data-bbox="75 1547 523 2054"> <tr> <td>Threshold V/Cell Lipo Cut Off</td><td>No Protection</td></tr> <tr> <td>Dynamic Multi Timing System - DMTS 3.0</td><td>26.5</td></tr> <tr> <td>Digital Racing Response System -DRRS 3.0</td><td>Level 7</td></tr> <tr> <td>Percentage Braking -ABS</td><td>30%</td></tr> <tr> <td>Percent Drag Brake</td><td>20%</td></tr> <tr> <td>Throttle Percent Reverse</td><td>50%</td></tr> <tr> <td>Neutral Range</td><td>6%</td></tr> <tr> <td>Over Heat Protection</td><td>Enable =95c cut off</td></tr> </table>	Threshold V/Cell Lipo Cut Off	No Protection	Dynamic Multi Timing System - DMTS 3.0	26.5	Digital Racing Response System -DRRS 3.0	Level 7	Percentage Braking -ABS	30%	Percent Drag Brake	20%	Throttle Percent Reverse	50%	Neutral Range	6%	Over Heat Protection	Enable =95c cut off	<ul style="list-style-type: none"> Show all setting data and motor rotation Words will change to red color if the data changed
Threshold V/Cell Lipo Cut Off	No Protection																
Dynamic Multi Timing System - DMTS 3.0	26.5																
Digital Racing Response System -DRRS 3.0	Level 7																
Percentage Braking -ABS	30%																
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Over Heat Protection	Enable =95c cut off																

Exemption Clause:

Speed Passion does not have control over the installation or use of this product therefore no liability for any damages incurred in its use will be accepted. Operation of this product is at the user's risk. The use of R/C models requires a degree of skill, If you are a beginner please consult the advice of an experienced user to prevent injury to goods or other persons.

Caution:

1. Do not operate the Wi-Fi module at voltages lower than 5.5V or higher the 6.0V battery, damage to the ESC can result.

ESC product warranty period:

Product Warranty:

30 days limited warranty, this product is guaranteed to be free from defects in materials or workmanship for a period of 30 days from the original date of purchase (Verified by sale receipt dated). User accepts all resulting liability. We reserve the right to modify warranty provisions without further notice. Warranty does not cover incorrect installation, components worn by use, or any damage caused by crash, flooding or natural disaster. The company has no control over the installation of this product; no liability may be assumed nor will be accepted for any damage resulting from the use of this product.

2 month return time for any repair or services, detail update RMA services process please check with your local dealer or www.speedpassion.net

Please visit www.SpeedPassion.net for updated ESC information and new software update releases!

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must be co-located for operating in conjunction with any other antenna or transmitter.

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.

The devices must be installed and used in strict accordance with the manufacturer's instructions as described in the user manual that comes with the product.

If the FCC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.

This exterior label can use wording such as the following:

“Contains Transmitter Module FCC ID: YIU000009

When the module is installed inside another device, the user manual of this device must contain below warning statements;

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

3. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must be collocated for operating in conjunction with any other antenna or transmitter.