

## HOW TO USE T300 PLUS BASE WITH DJI PHANTOM4?

T300 Plus can use as Base station to provide corrections for DJI Phantom4 RTK version. Here will introduce the T300 plus and DIJ Phantom4 settings.

# ↓ Set T300 Plus base station by Web GUI interface

#### 1. Connect WiFi of T300 Plus receiver

Turn on the T300Plus GNSS receiver and wait for the receiver serial number to appear under the available Wi-Fi networks on your smart P4R's controller. Select the receiver and connect it.

#### Password is 12345678

Password	
Show password	
Show password Advanced options	

#### 2. Login the Web

Open a web browser and then enter the following IP address: http://192.168.1.8 Username: admin Password: admin

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№ 192.168.1.8		≡ :
<	admin            Login         COPYRIGHT@2019 All rights reserved ComNav Technology Ltd.	>
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If you successfully log into, you will see same something like the picture below:



### **Frequently asked question**

192.168.1.8			
Version Info	Version Info		
	Model Information:	S32332	
	Card Type:	T50	
Configuration	Product Serial Number:	03402295	
oomiguiution	CPU Version:	397NM	
	FPGA Version:	2.072	
Satellites	Boot Version:	5.0.5	
outenites	Web Server version:	V1.0.0	
	Firmware Compile Date:	2020/Aug/25	
Data Transfer	Firmware Compile Time:	08:35:53	

#### 3. Base setup

- Open **Configuration** interface, do Base setup
- Change start mode to Fix Position, manual enter the position or click Here to get a position
- Setting parameters for Antenna: Measure method, Height and Antenna type

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🔯 192.168.1.8								Ĩ	÷
🔯 Si	noGNSS								•
Version Info	Base Setup								
	Base Start Mode:	Fix po	sition		,	•			- 1
Configuration	Lat:	31	• 27	'	46.20725				- 1
oonnguration	Lon:	121	• 15	•	37.59629				- I
Position Base Setup	Height	13.62	40			М			
Satellite		Here							
Tracking	Status:	Started							
							sketch map:		_
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#### 4. Data transfer

- Go to **Data transfer** interface, do port configuration, choose WEBNTRIP and RTCM3.X format
- Setting Mountpoint



### Frequently asked question

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192.168.1.8		
<b>i</b> S	noGNSS	•
Version Info	WEBNTRIP     RTCM 3.X	
Configuration	IP Address: 192.168.1.1 : 80 MountPo HWcaster	
Satellites	RTCM 3.X All ONTIME T 1 S RTCM3.2	
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- Choose RTCM1074,1084,1094,1124, 1005,1006,1033 message
- Click Confirm to complete the settings for T300 plus

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192.168.1.8		
	Antenna information	
Configuration	RTCM1033 ONTIME V 1 V S	
	Customize	
Satellites	RTCM0063 ONTIME V 1 V S	
	RTCM4078 ONTIME S	
Data Transfer	Confirm Cancel	
	COPYRIGHT@2019 All rights reserved ComNav Technology Ltd.	
Summary		
Port Configuration		
$\checkmark$	$\triangleleft$ O $\square$	

After successfully starting the Base station, the T300 plus differential LED (yellow LED) will flash once per second, which means the Base is broadcasting correction data.



## DIJ Phantom4 settings

After setup the base station, you need to configure the drone to receive the differential data from the base, then perform RTK work.

#### **RTK settings:**

Open DJI drone software, enter the configuration interface and find the RTK mode.

- Change RTK service type: customer network RTK
- Enter NTRIP Host, Port, User, Password and Mountpoint

NTRIP Host: **192.168.1.8** Port: **80** User: **admin** Password: **admin** Mountpoint: same with what you set for T300 plus

R.	3	RTK Settings	♥ ♥ ■ 15:22 ×
Harry RTH	RTK Service Type	C A A A	Custom network RTK
	Ensure the network con	nection is normal 456m	
•1)	) NTRIP Host:	192.168.1.8	
<b>意利达</b>	332nort:	80	560m 小杜雪
同斎建 一部の諸技 000	User:	admin	
Fight HE	Password:		
稳利达·乘 方科技员	Mountpoint:	HWcaster	100
		Connect	
	Custom netv@k R	TK Status	Success 2G

• After the above configuration, click connect, and the FIX status will be displayed if the connection is successful

## **Frequently asked question**





Next, you can customize the flight area and route for drone, collect data for post-processing.

Any question please contact us: <a href="mailto:support@comnavtech.com">support@comnavtech.com</a>, <a href="mailto:skype:comnav.support">skype:comnav.support</a>. Your feedback is much appreciated.