

David Quick Start Guide – Base Kit with 30W Radio

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| ! | Note: Please check the item list first to confirm that this kit is for David Base Kit with 30W Radio. |
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1. David Base Kit with 30W Radio System Structure



| NO. | Device Name | NO. | Device Name |
|-----|--|-----|--|
| 1 | AX3702 GNSS antenna | 7 | COMM2-7pin to USB+30W-Radio-5pin cable |
| 2 | GNSS antenna connector | 8 | DC-2pin&30W-Radio-DC-2pin to Bullet-DC |
| 3 | TNC-J to SMA cable 1.5m (GNSS antenna cable) | 9 | DC-2pin&30W-Radio-DC-2pin to Bullet-DC |
| 4 | David GNSS receiver | 10 | COMM2-7pin to USB+30W-Radio-5pin cable |
| 5 | 30W radio | 11 | Metal plate for radio antenna |
| 6 | COMM1-Bluetooth module | 12 | High Gain Radio Antenna |

Note: Bullet-DC connects to 'Bullet-DC to Alligator Clips', then clips to 12V power supply.

David Quick Start Video including Nuwa operation is on the official website:

<https://www.tersus-gnss.com/video/david-receiver>

2. Configure and Survey using Nuwa app

2.1 Create new project or open existed project

Launch Nuwa application, click [Project] in the main interface to create a new project or open an existed project, refer to Figure 2.1 below.

2.2 Connect David

Back to the main interface of Nuwa, click [Device] -> [Connect], select the corresponding Bluetooth address to pair David, select AX3702 for the antenna, click [Connect] to complete the device connection, refer to Figure 2.2 below.

2.3 Configure Base station

Back to the Device interface, click [Base] to enter the Work Mode List, create a new base, select Radio for Data Link, select 38400 for Baud Rate as shown in Figure 2.3, then click [OK] to complete base configuration. Select this configuration in the Work Mode List, click [Start] to configure the base station.

2.4 Survey Work

Back to the main interface of Nuwa, click [Survey] to enter the survey interface. Users can do survey work including point survey, point stakeout, line stakeout and etc. as shown in Figure 2.4 below.

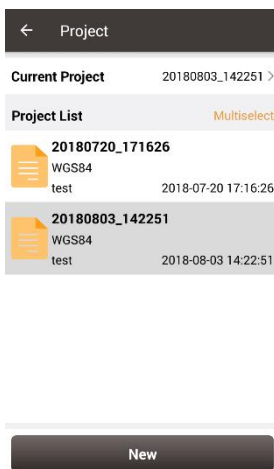


Figure 2.1 Project

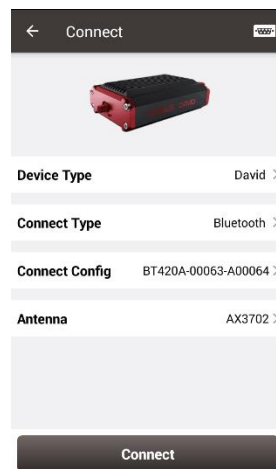


Figure 2.2 Connect David

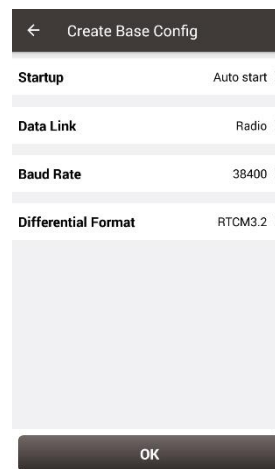


Figure 2.3 Base config

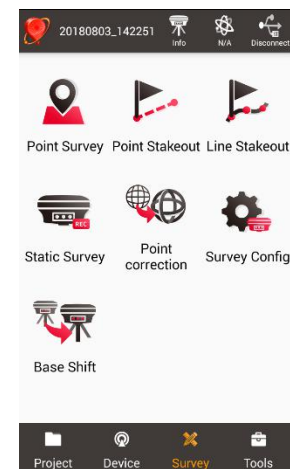


Figure 2.4 Survey work

3. Get More

This Quick Start Guide briefly introduces the installation of David Base Kit with 30W Radio and the operation of Nuwa app. More details please refer to User Manual of David and User Manual of Nuwa app which can be downloaded from Tersus official website: <https://www.tersus-gnss.com/document/david-receiver> .

Thank you for using Tersus products. If you have any technical questions for the products, please contact support@tersus-gnss.com and we will serve you promptly.