

David Quick Start Guide – Base Kit Network Mode

<u>!</u>	Note: Please check the item list first to confirm that this kit is for David
	Base Kit Network Mode.

1. David Base Kit Network Mode System Structure



NO.	Device Name				
1	AX3702 GNSS antenna				
2	GNSS antenna connector				
3	Android device TC20 (not included in the kit)				
4	COMM1-Bluetooth module				
5	DC-2pin to USB Power Cable				
6	Bracket for base				
7	Power Bank (not included in the kit)				
8	David GNSS receiver				
9	TNC-J to SMA cable 1.5m (GNSS antenna cable)				

David Quick Start Video including Nuwa operation is on the official website: <u>https://www.tersus-gnss.com/video/david-receiver</u>



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 Network for Data Link, fill up Ntrip information as shown in Figure 2.3, then click [OK] to complete base configuration. Select this configuration in the Work Mode List, click [Start] to connect to the Ntrip network.

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.

← Project		← Connect 🚥		← Create Base Config		20180803_142251 R & C Info N/A Disconvect		
Current Project	20180803_142251 >			Startup	Auto start >	0		
Project List Multiselect				Data Link	Network >	🞽 🏳		ممتر
20180720_17 WGS84	2018-07-20 17:16:26	Device Type	David >	Host	Input IP	Point Survey Po	int Stakeou	t Line Stakeout
test		Connect Type	Bluetooth >	Port	Input			\$
WGS84 test	2018-08-03 14:22:51	Connect Config	BT420A-00063-A00064 >	Password	Input	Static Survey	Point correction	Survey Config
		Antenna	AX3702 >	Mount Point	Input	TT		
				Differential Format	RTCM3.2 >	Base Shift		
New		Cor	inect	ок		Project Devie		
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 Network Mode 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: <u>https://www.tersus-gnss.com/document/david-receiver</u>.

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.