

# TwinHan Data User Manual

There are two different applications to use TwinHan Data:

A. One Way Free one way downloading

You can use DVB card to download free information from Satellite, you can check your local free one way service. For example, you can use Sat@nce in Europe.

<http://once.csp.it/english/index.php>

B. Two Way Satellite Internet Pay service

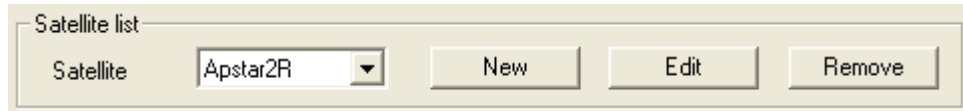
You can use DVB card to use internet. However, you need to have modem with fixed phone line and pay Satellite service use fee to local satellite ISP provider. For example, you can use OpenSky in Europe and Middle East area.

<http://www.opensky.net/index.html>

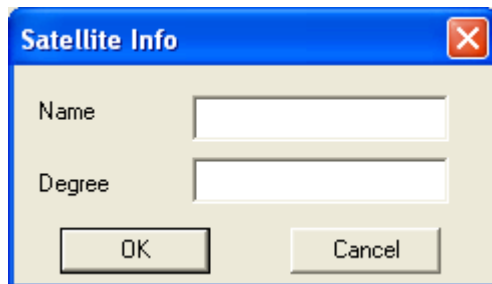
# TwinHanData System Setup

## Step1 : Create a satellite profile.

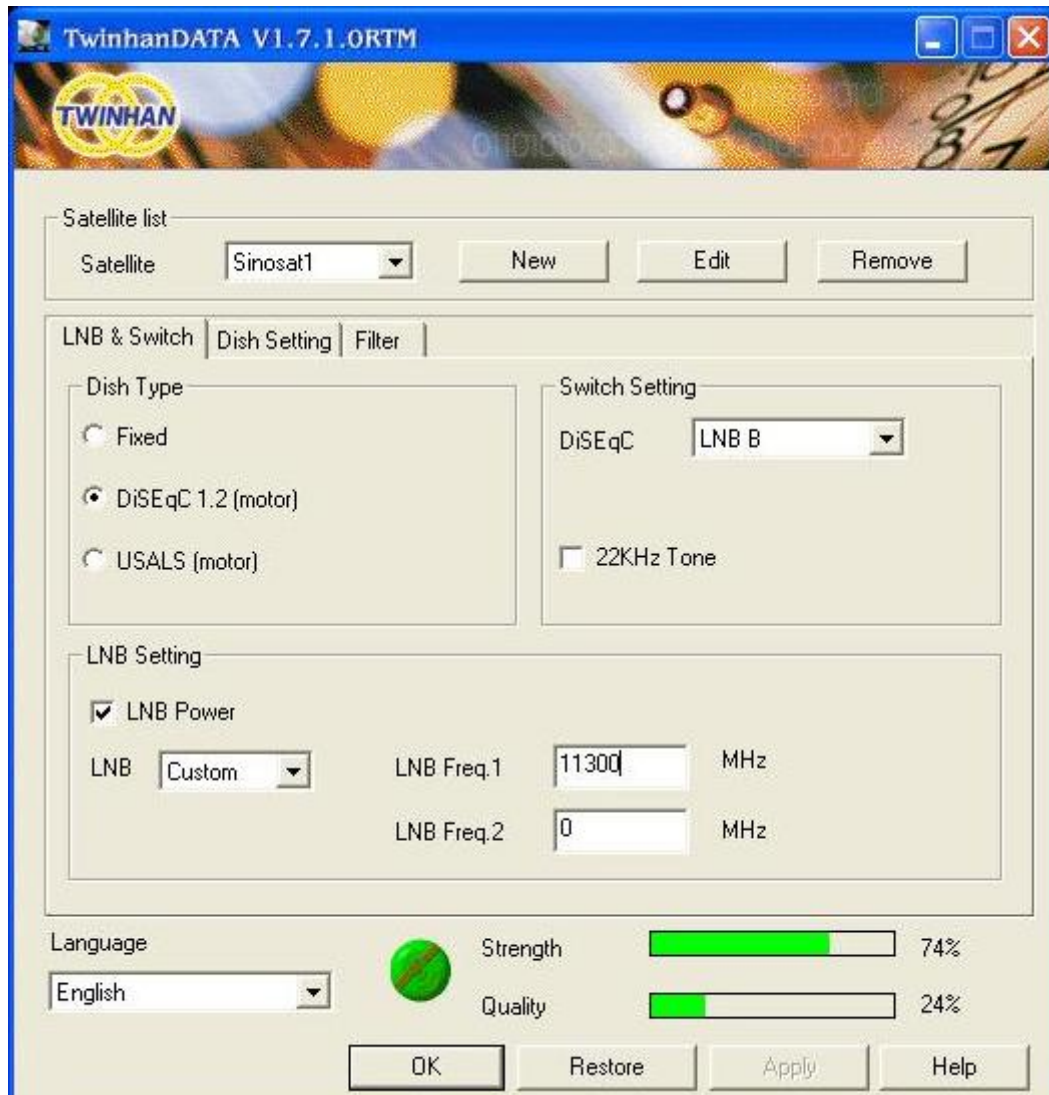
a. Click at “New” to add the satellite you would like to configure.



b. Enter the name and degree of the satellite you would like to configure.



## Step2 : LNB & Switch setup



### a. Dish Type :

Choose the proper type of your dish. If you don't know which type your dish is, just choose "Fixed". It will not affect TwinHanData's setting.

### b. Switch Setting :

If you have no LNB switch and connect the antenna with VisionDTV card directly, please choose "Disable". Otherwise please choose the proper LNB.

### c. LNB Setting.

Be sure to tick the "LNB Power" to enable the LNB. And for the type of LNB, if you locate in Europe then it's must be "Universal". Otherwise please contact your LNB provider.

### Step3 : Dish Setting

The screenshot shows the 'TwinhanDATA V1.7.1.ORTM' software window. The 'Dish Setting' tab is active. The 'Satellite list' at the top shows 'Sinosat1' with 'New', 'Edit', and 'Remove' buttons. The 'Dish options' section includes 'Dish Type' set to 'DiSEqC 1.2 motor' and 'Satellite' set to 'Sinosat1 (1105)'. The 'Transponder options' section shows 'Frequency' at 12280 MHz and 'Symbol Rate' at 22425 Ksps. The 'Polarization' section has 'Vertical' selected. The 'Motor Settings' section includes 'Longitude' (11.9), 'Latitude' (45.0), 'Degrees' (-8.1), and 'Elevation' (38.2), each with a corresponding 'Drive' or 'Set' button. The 'Motor Position' section shows 'Position' at 0 with 'Goto' and 'Set' buttons. A 'Lock Test' button is at the bottom right. The 'Language' dropdown is set to 'English'. A green signal strength indicator shows 74% strength and 24% quality. At the bottom are 'OK', 'Restore', 'Apply', and 'Help' buttons.

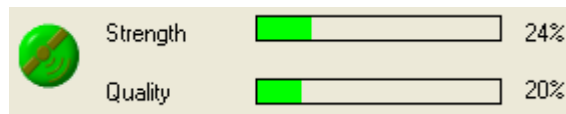
Change the page to “Dish Setting”.

- Click at “New” to add the transponder you would like to lock and receive the data stream.
- Enter the value of “Frequency”, “Symbol Rate”, “Polarization (Vertical or Horizontal)” and click at “OK”.

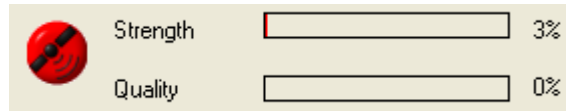
The 'Transponder Info' dialog box is shown. It contains fields for 'Frequency' (with a unit of MHz) and 'Symbol Rate' (with a unit of Ksps). Below these are radio buttons for 'Vertical' (selected) and 'Horizontal'. At the bottom are 'OK' and 'Cancel' buttons.

c. Click at “Lock Test” to test if you could lock the data stream of transponder. The green bars mean the setting is correct and you could lock the transponder. And if you get red bars or none, please check your setting again.

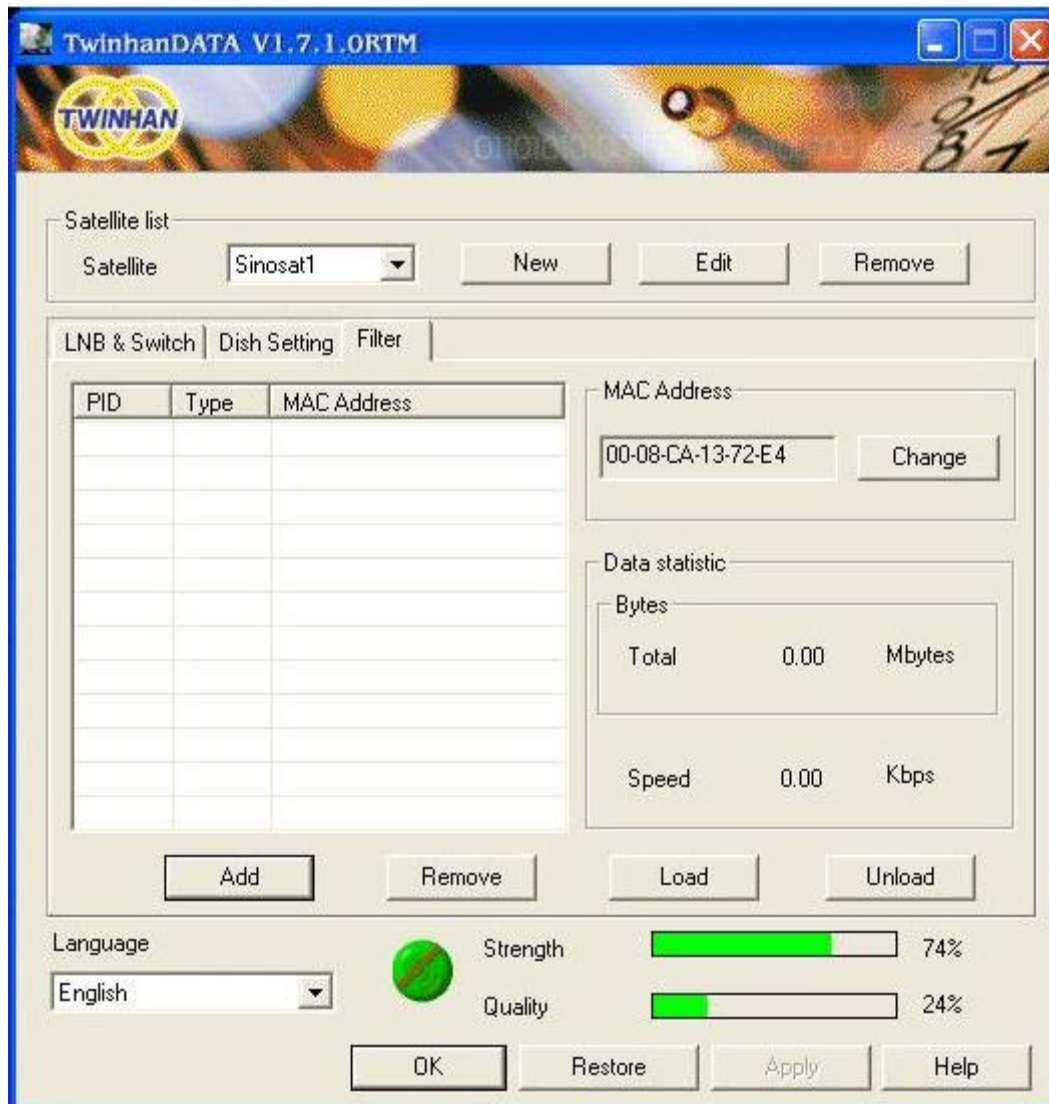
Correct →



Wrong →

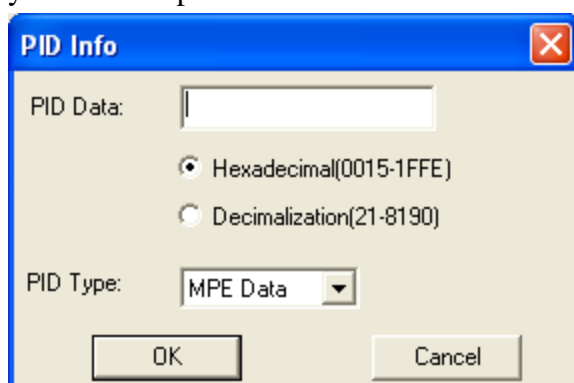


## Step4 : Filter



Change the page to “Filter”.

- Click at “Add” to add “PID” you would like the data stream to be filtered.
- Enter the PID information and click “OK”. If you have no idea what to input please contact your content provider or ISP.



## Step5 :

Click at “Apply” and “OK” to finish the configuration and exit.