



DTVIface

Control software package for DTVRack and compact headends

DTVIFACE 16.6 - ANTTRON(c) - (USB)

DTVRR7 1.9.0.3
DTVDM4 4.6.4.0

DVB : Freq. (Mhz) : S.R. :
DVB-S(2) 12545 22000
Switch : Pol. : PLS : SSID :
A H Level : 80% S.N.R. : 98%

Rate : 160 Mb/s

Watchdog
Remove CAT/EMM

N.I.T.
Vers. : ONID : NID : LCN :
30 8564 8564 EACEM
Network name : NoName

1 2 3 4
Freq. (kHz) : 474000 482000 490000 498000
T.S. Id. : 100 101 102 103
Const. : Bandwidth : F.E.C. : Guard Int. :
QAM64 8 Mhz 7/8 1/32
Level Att. 0dB

54607 kb/s

B.W. 1 15474/31668
B.W. 2 16091/31668
B.W. 3 7243/31668
B.W. 4 15797/31668

S.I.D.	Service name	UNCRYPT	MODULATION	LCN	N.SID
A 12006	RTL FS				
A 12020	RTL2				12020
A 12030	TOGGO plus				
A 12040	SUPER RTL				
A 12060	VOX				12060
A 12061	RTLNITRO				
A 12080	RTLplus				
A 12090	n-tv				12090
A 12009	RTL HH SH				
B 17500	SAT.1				17500
B 17501	ProSieben				17501
B 17502	kabel eins				

INSTALLATION AND USER GUIDE V1.1

DTViface is the control software for all our DTVRack products. It allows you to program all modules from the DTVRack series. This software is also used for the compact headends like TRM23, TRM44, TRM54, TRM64, TRM24CI, TRM342CI, TM300, TM400, TM4HD and TM4HDV as these are mini DTVRacks.

This guide will explain you how to install DTViface on your computer, making connection through USB, making connection over local network or over the web with your DTVRack and saving and reopening .dtt files (configurations for DTVRack).

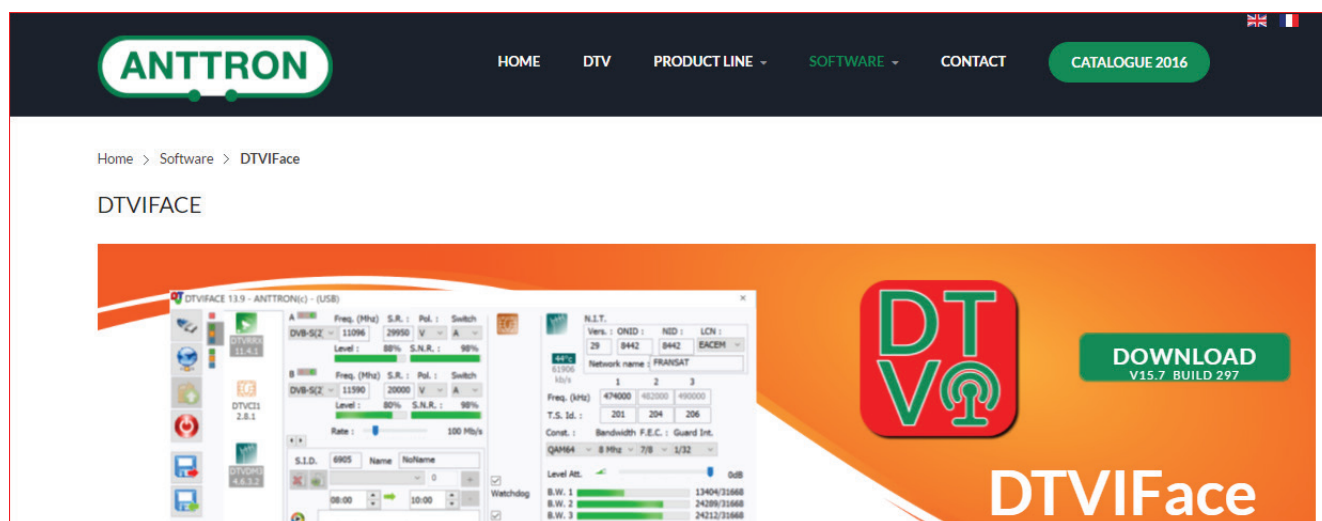
For detailed explanation on how to program the different modules, we refer to the specific manuals for these modules.

1. Compatibility of DTViface :

DTViface is compatible with Win 7, Win 10 and Windows XP. For other operating systems, we cannot guarantee the compatibility of DTViface.

2. Downloading and installing DTViface

Please go the website anttron.com. In the topmenu you will find the menu DTViface



Click on the download button, to download DTViface.

We are constantly improving our software. So regularly check our website to verify if you have the latest release installed on your computer.

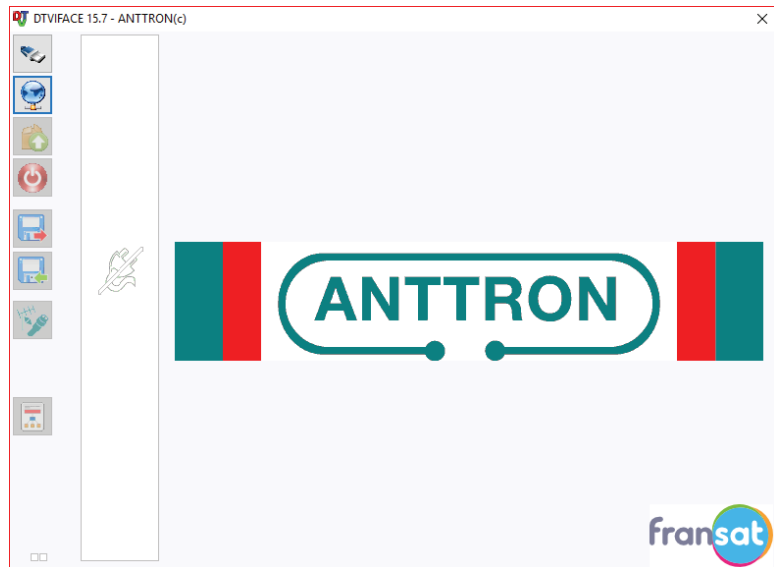
After downloading, launch the file DTViface_Setupxxx.exe.

DO NOT CONNECT YOUR DTVRack or compact headend to your computer until the installation of DTViface is complete.

3. Launching DTVIface

Double click the DTVIface icon installed on your desktop or find DTVIface in the list of programs and launch the program.

Following screen will open :



4. Making connection to your DTVRack using USB cable

Make sure that there is an USB connection between your PC and the DTVRack (the DTVRack or compact headend comes with the USB cable supplied).

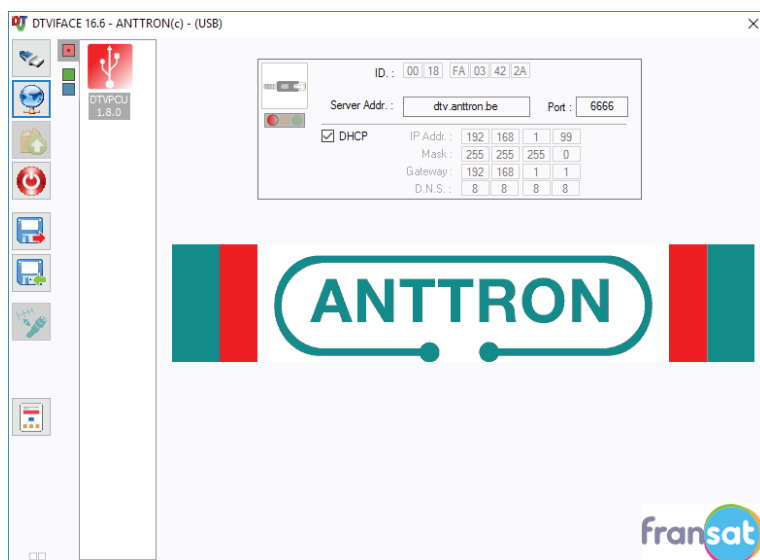
Proceed with starting up your DTVRack or compact headend.

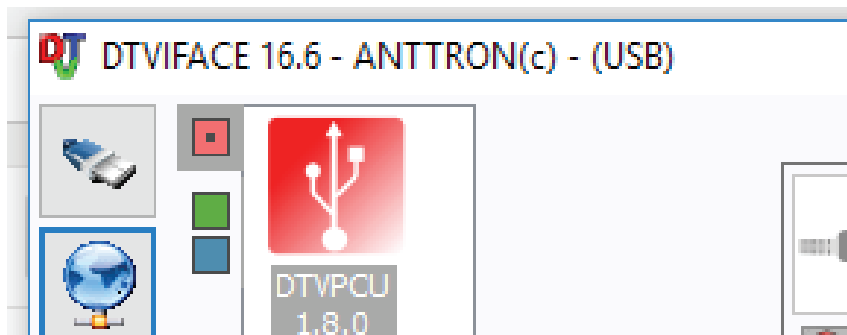
For systems equipped with DTVPCU or ethernet connector (some compact headends), please wait until the ORANGE LED of the ethernet connector on the DTVPCU (or on the compact headend) starts blinking. (if this is not the case - there is a problem when booting - contact service in this case).

Press the USB button in the left upper corner



If all OK, the DTVRack should appear with all modules installed.



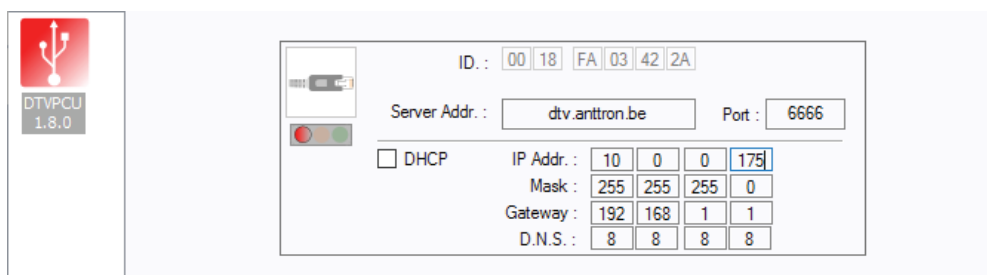


Please note, in the upperleft corner of the window : DTVIFACE 16.6 - ANTTRON (c) - (USB), indicating that a connection is made to your DTVRack using an USB cable.

5. Making connection to your DTVRack over your local network

In order to make a connection to your DTVRack over your local network using a RJ45 network cable, please make a connection to the RJ45 connector available on the DTVPCU module (or the RJ45 connector on the bottom of your compact headend).

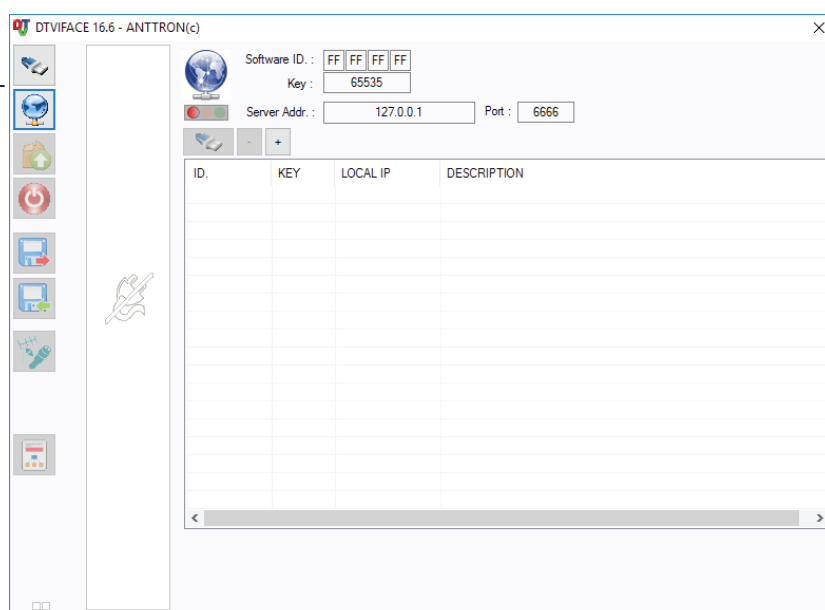
At first, using the USB connection, you can define the IP settings of DTVPCU module.



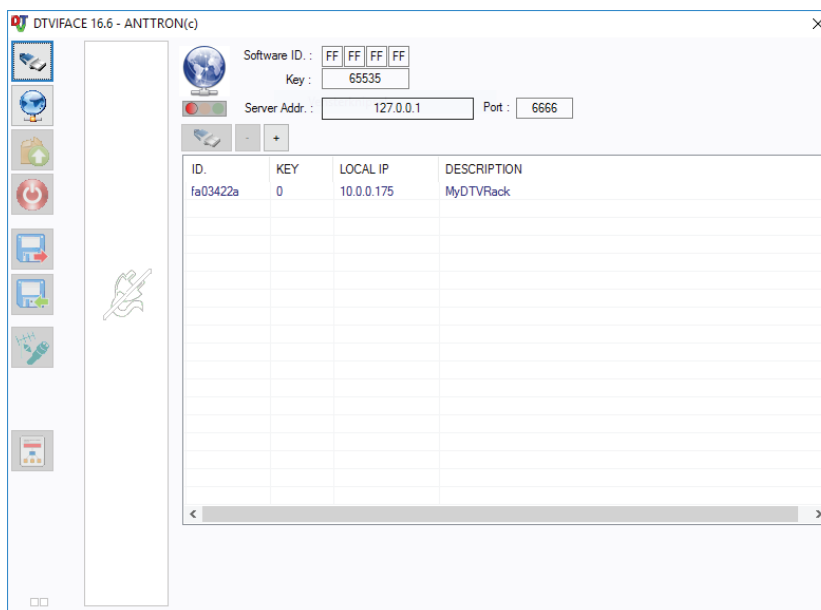
Once the IP settings are according your wishes, note down the MAC address of your headend and (which is 0018FA03422A in this case), disconnect your USB cable from the headend. Now with your PC connected to the same network, press the web button in DTVIface.



The following window will appear :

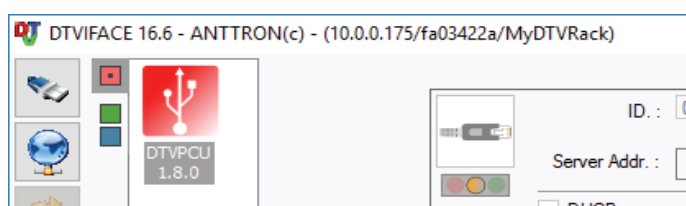
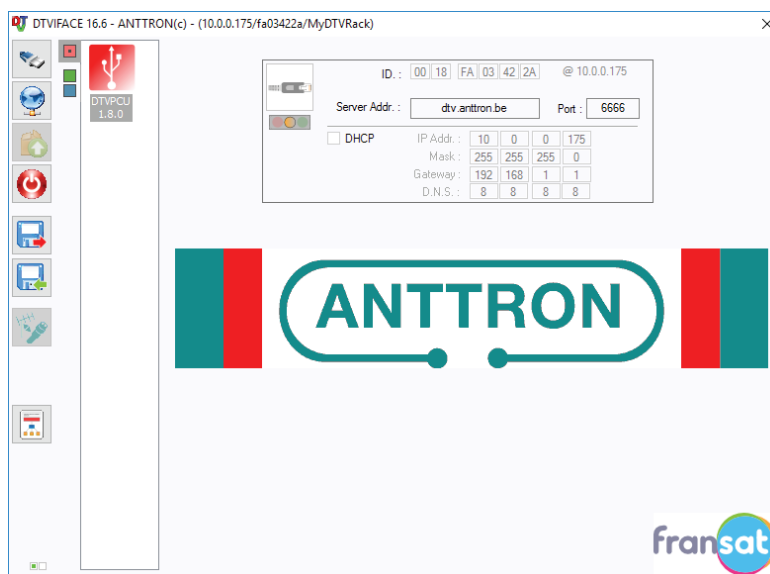


Now, press the + button in the window, to add this DTVRack to the list. You can now enter the ID of the headend (last 8 digits) and also its local IP address you have given in the required fields. You can also add a 'nickname' to this unit in order to remember it more easily.



When the headend has connection to your local network, this unit will appear in BLUE in the list. By selecting this line and clicking the 'connect' button, you will require access to this unit over your local network.

By using + and - buttons you can add or remove other headends from the list.



Please note, in the upperleft corner of the window :

DTVIFACE 16.6 - ANTTRON (c) - (10.0.0.175/fa03422A/MyDTV Rack), indicating that a connection is made to your DTVRack over your local network.

6. Making connection to your DTVRack over internet

To be able to control your headend using internet access, you will need some additional items.

First off all, you will need a SOFTWARE ID and KEY. This software ID and KEY is personal. So you should not allow other users using the same SOFTWARE ID and KEY. To get this SOFTWARE ID and KEY, please contact your dealer, distributor or importer to get your personalised Software ID and KEY.

Secondly, for each headend you want to control over the internet, you will need an additional KEY for that specific headend. You can order DTVKEY vouchers for that purpose. And lastly, make sure that your headend is connected to a router having access to the web.

Once you have gathered this information, you can proceed with the next step.

Press the web button in DTViface. In this page, please put at first your software ID and KEY.



The screenshot shows a web form with the following fields:

- Software ID : [] [] [] []
- Key : [] [] [] [] [] [] [] [] [] []
- Server Addr. :
- Port :

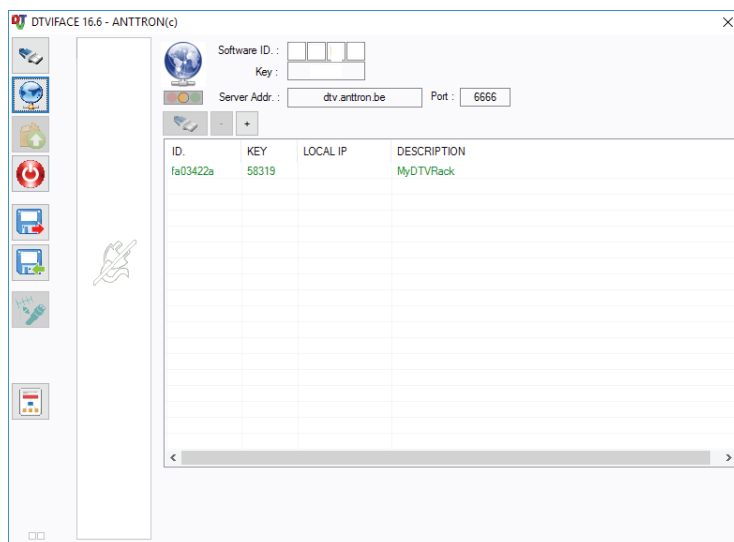
There is a globe icon with a red light indicator on the left side of the form.

Make sure that for the server address, and Port, the parameters **dtv.anttron.be** and **6666** are filled in.

If all parameters are OK (and your PC is connected to the internet), then you will be connected to our server **dtv.anttron.be** which handles all communications between USERS and DTVRacks and compact headends. The LED under the globe will go ORANGE.



Now, to add a DTVRack press the + button in the window.
In the table below you can now add the MAC address of the headend (last 8 digits), together with the KEY for that specific headend.

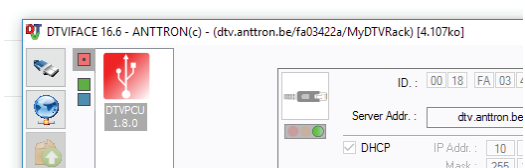


If all items are correct and the rack is connected to internet, then this line will appear in GREEN.

ID.	KEY	LOCAL IP	DESCRIPTION
fa03422a	58319		MyDTV Rack

By selecting this line and clicking the 'connect' button, you will require access to this unit over internet.

By using + and - buttons you can add or remove other headends from the list.



Please note, in the upperleft corner of the window : DTVIFACE 16.6 - ANTTRON (c) - (dtv.anttron.be/fa03422A/MyDTV Rack), indicating that a connection is made to your DTV Rack over our server dtv.anttron.be.

7. Saving and recalling configurations (.dtc files)

The buttons

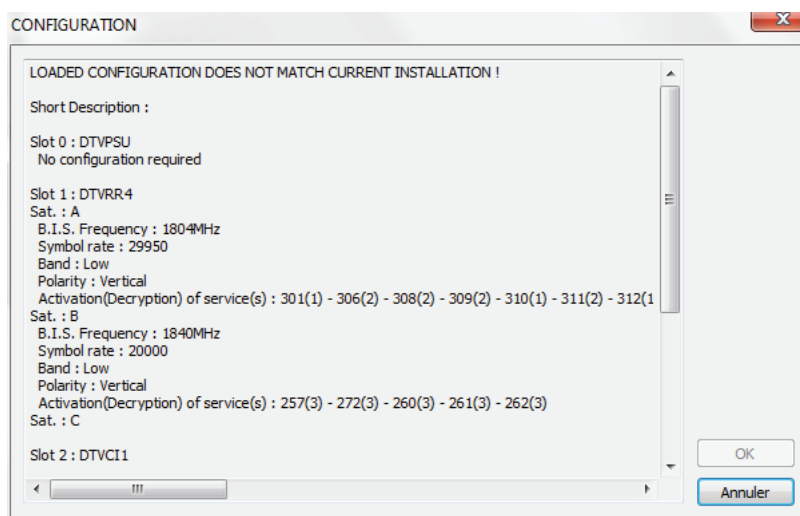


allow you to save and recall the configuration of your rack.

When you have programmed your rack to your convenience, you can save it to your PCB by clicking the button with the GREEN arrow. The configuration will be saved under some .dtc file.

This file you can reload in your system (or in another system) just by clicking the button with the RED arrow.

After pressing this button, select the .dtc file of your choice. DTVIface will firstly check if the loaded configuration is compatible with your rack (if the order, number, or type of modules is different from the loaded configuration, you will not be able to load the configuration in your system).



Before loading, an overview of the configuration is shown in the window, press OK to finally load the configuration in your system.

9. Creating .html reports from DTVIface.

The button
plete and
rack.



allows to generate a .html report. This report gives you a complete and easy readable overview of the settings you have made in your rack.

You can use it for documentation or to check all the settings in your headend.