

digifobpro

WIFI MODULE USER GUIDE



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- > configuration using digiconnect
- > setting up file forwarding
- > dropbox, email, FTP
- > forwarding to digicentral server

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What is the WiFi module and what is it for?

Congratulations you have purchased an add-on for the digifobpro which allows you to transfer tachograph Driver Card and Vehicle files to a number of different types of server and service. The module can utilise most types of WiFi network including personal Hot Spots. You are unlikely to be able to use a public Hot Spot as these often require you to register via a login screen which your digifobpro cannot present to you.



Connecting the WiFi module to your digifobpro could not be easier as it just pushes into the bottom connector. The module includes a USB connection so that the digifobpro can still be connected to a PC and configured.



WiFi Module connects here

Configure WiFi Module

Configure WiFi using your digifobpro

Connect the WiFi module and turn ON the digifobpro.

To turn Digifobpro ON, hold down the OK button for approximately 2 seconds. To turn OFF use the UP, DOWN, ACROSS buttons to navigate to the Power Icon.

 = turn Digifobpro OFF.

Digifobpro will automatically switch itself off if no activity is detected for a number of minutes. Durations for low power and off modes can be set.

Use the arrow buttons to select the settings icon



Now select the communications icon.



Select Add Network and digifobpro will scan.



Select the network and enter the passphrase using the UP and DOWN arrows. Press the RIGHT button to move onto the next character. Press the OK button when complete. If the passphrase is correct the you will see a tick and you are joined to the network.

If an attempt to join a network is not successful the hourglass will change to a cross. Ensure the passphrase has been entered correctly and try again. Remember that most passwords are case sensitive. Use the BACK arrow button to exit the settings menu.

To remove a previously entered network use -



Server Settings

Select the WiFi upload icon under settings.



You are now configuring your digifobpro to send files using a particular method. Currently the digifobpro WiFi service is supported by a single Host in The Cloud. The Host Name is file.digiffs.com. This should be pre-set on your device.

Server settings continued

Default WiFi upload settings;

Hostname	file.digiffs.com
Port number	4619
Type	Email

Server types

When you select TYPE in the WiFi Upload section the digifobpro will connect to the default server to check for the currently available services. It takes a moment but it means that you can see all the currently available options including any new ones.

Service	Parameter 1	Parameter 2	Parameter 3	Account Required
Digicentral	Host Address			Yes
Dropbox	Access Token	Host address		Yes
Email	Email address			No
FTP	Host Address	Username	Password	No
FTA Vision	Member Number	Location		Yes
IDHA	Account Name			Yes
OPTAC3	Account Name	Username	Password	Yes
Tachomaster	Account Name	Host Address		Yes

Server settings continued

Please note that if you are transferring files to your Analysis Software provider you will need an active account and you will also need to contact them to register the serial number of your digifobpro.

You can find your serial number either on your original box or on the unit sticker or under the About section on the unit itself.



Your serial number starts with a "2". Your service provider will also need the password shown in brackets on your device.

The DropBox service requires additional setup within the service itself. See pages 12 and 13 for further information.

You should choose the service which suits your requirement best noting that some services will have greater security levels than others. Tachosys cannot recommend a particular service over another or take any responsibility for loss of data through a particular method.

Entering Parameters using digifobpro

Each service requires different parameters as set out in the table on Page 6. You can enter these parameters on the digifobpro using the UP and DOWN arrows to select each character. You can use the RIGHT and LEFT arrows to navigate backwards and forwards through the string and finally the OK button to submit. We do however advise that you use digiconnect to enter these parameters as it is a good deal faster for you and likely to be more accurate (see pages 8-11). If you use the Dropbox option the Access Token is very long and is much easier to CUT and PASTE from the internet page where it is presented than tapping in on digifobpro.

Using digiconnect to configure the WiFi Module

Download digiconnect Windows™ software from www.tachosys.com.

N.B. You must use digiconnect version 5.04 or greater.

Minimum Recommended PC Specification

Processor: Intel P4 1.4GHz, AMD Athlon 1.4 GHz
 Memory: 512Mbytes
 Hard disk: 40 Gbytes
 Video Resolution: 1024 x 768
 Operating Systems: Windows 7 / Windows 8 / Windows 10

Digiconnect is pre loaded onto the digifobpro. Simply connect the digifobpro to a free USB socket and use Windows Explorer to navigate to the software directory.

Installing the DigiConnect Windows® Software

1. Install digiconnect from the web or browse to the USB flash drive of your digifobpro using Windows® Explorer and double-click Setup.exe.
2. You will be prompted for your appropriate language. Please select from the list and then click OK.
3. You will receive a welcome message, simply click 'next'.
4. Read the terms of the Licence Agreement then click on the 'I accept the terms in the Licence agreement' option and then click 'next'. If you choose to not accept the terms the installation will be terminated.
5. Choose the folder in which you wish the software program files to be installed. The default folder is the standard location for Windows® programs. Click 'next'.
6. Click 'Install' to begin the actual installation. This may take several minutes.
7. Finally tick or untick the box labelled 'Launch DigiConnect' depending on whether you wish to start the program on completion of the installation. Click 'Finish'.
8. If you opted to launch DigiConnect at the end of the installation then you will be taken to the main options menu to configure your individual settings.

Connecting the Digifobpro to your PC

1. Connect the USB cable, to a USB socket on your PC. Connect the other end to the USB port on the bottom of the WiFi module. The module must be inserted into the digifobpro and the unit must be ON. Ensure that the DigiConnect software is started by selecting Programs–Tachosys - DigiConnect on your PC.
2. Turn on your Digifobpro by pressing and holding the OK button for at least 2 seconds. The digifobpro will display the USB Link Icon. If you navigate away from the Link Icon and lose connection to the PC you can return by pressing the BACK ARROW on digifobpro until it reappears.

If you are having problems connecting the digifobpro to the PC disconnect and try an alternative USB socket. If you cannot see the digifobpro USB drive then go to;



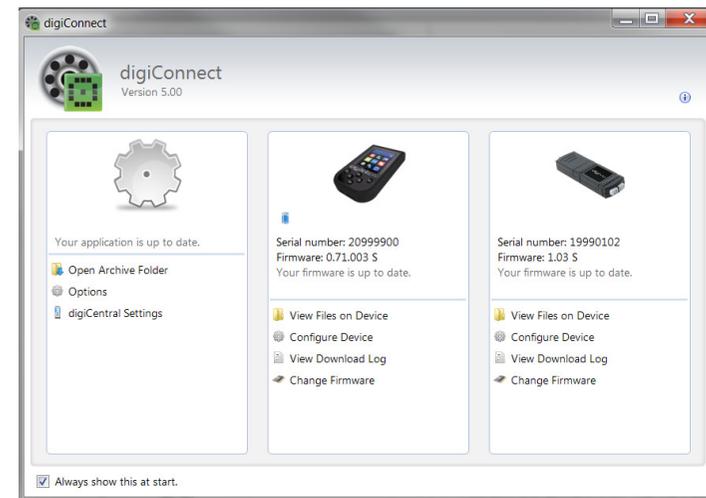
Change the 'Enabled' option to YES.

DigiConnect - Accessing the functions menu on your PC



Digiconnect places an icon in your task bar at the bottom of your screen. If this ICON is not present then go to Windows - ALL Programs - Tachosys - digiconnect and click on the digiconnect icon.

Click on the digiconnect ICON at the bottom of your screen.

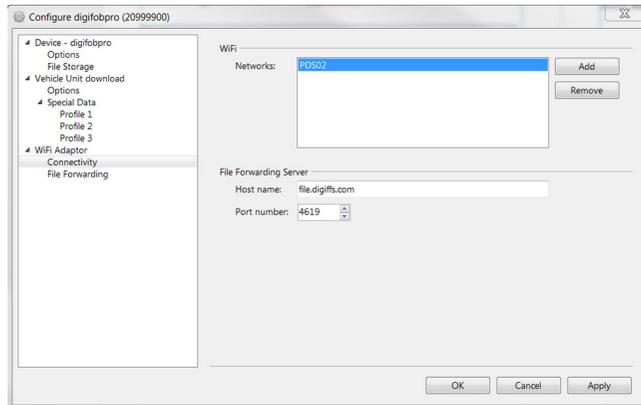


Digiconnect will display all of the Tachosys devices connected to your PC.

Using digiconnect to configure the WiFi Module– Cont:-

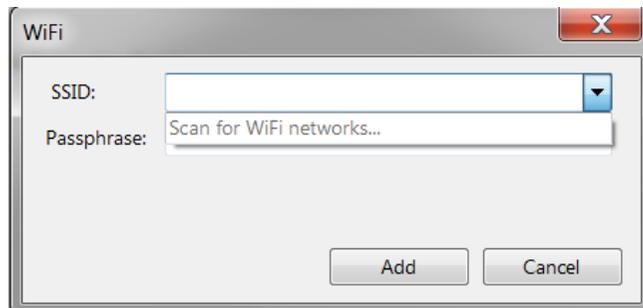
Configure Device

Select Configure Device from the digiconnect main screen.



Add a network

Press the Add button and use the drop down arrow to “Scan for Networks”

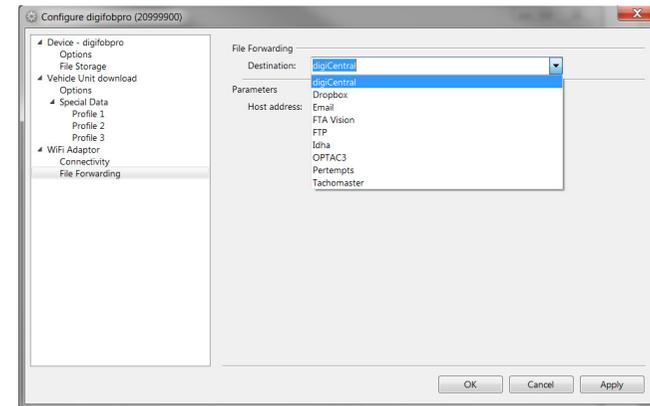


Once you select the appropriate WiFi network you can fill in the passphrase.

Check that the Host Name and Port Number are correct for the service you intend to use. The default settings are on page 6. The SSID and Passphrase cannot contain any spaces or other non ASCII characters as these are not supported by digifobpro.

File Forwarding

In order to decide where files are sent select File Forwarding.



Please Note: Both digiconnect and the digifobpro lookup up the file forwarding destination list from the registered file forwarding server. If you do not get any options in the list it is likely that you either do not have internet access or the server address is incorrect. Current services are as follows.

See Page 6 for a list of current services and the parameters required to facilitate connection.

Please note that if you are transferring files to your Analysis Software provider you will need an active account and you will also need to contact them to register the serial number of your digifobpro.

You can find your serial number either on your original box, on the unit sticker or under the About section on the unit itself.



Your serial number starts with a “2”. Your service provider will also need the password shown in brackets on your device.

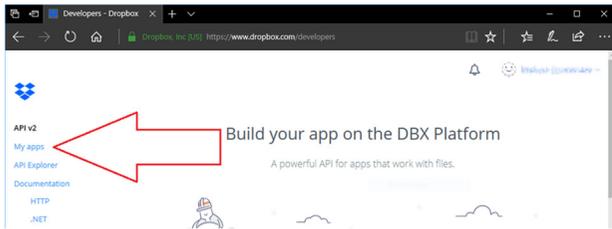
The DropBox service requires additional setup within the service itself. See pages 12 and 13 for further information.

File forwarding to Dropbox

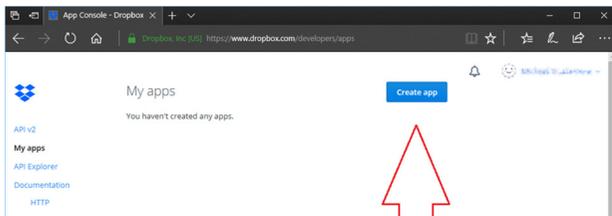
Dropbox

To send files to DropBox you will need an active account.

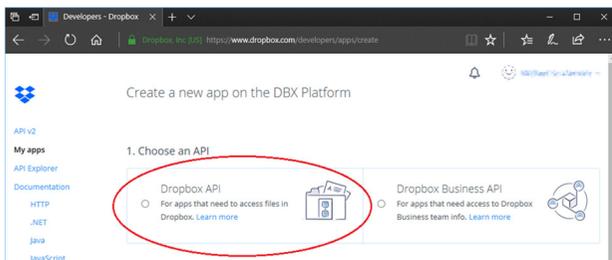
Access the developers area in your DropBox account: www.dropbox.com/developers



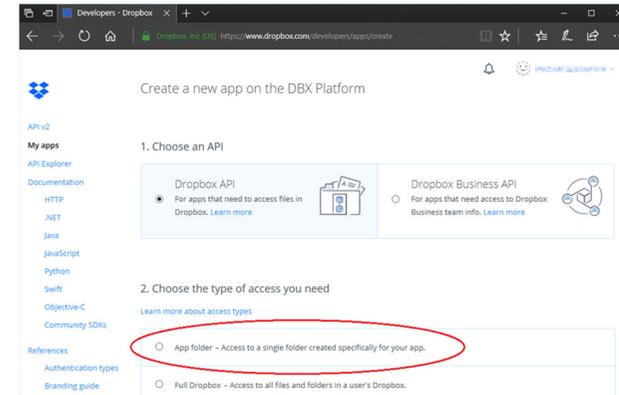
Select My apps.



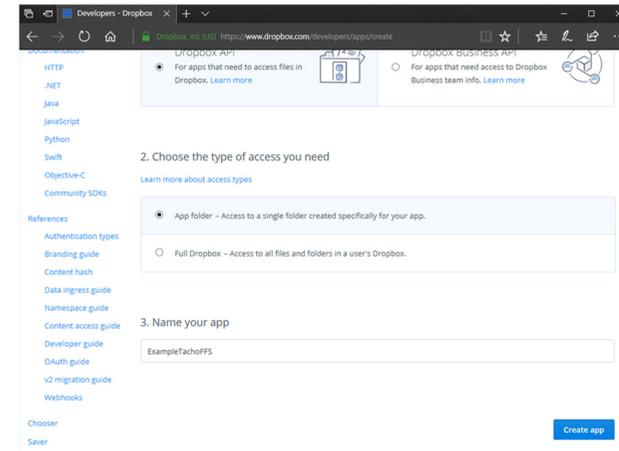
Select Create App



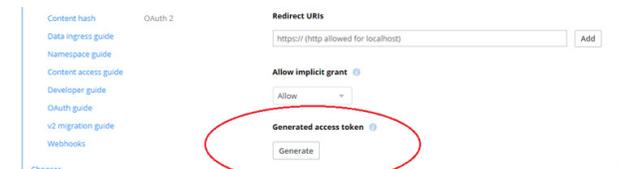
Select Dropbox API



Select App folder and enter your own name for that app.



Select Create app.



You will now be presented with the “app created” screen. Scroll down to the “OAuth2” section and use the “Generate” button. A long alphanumeric token will be generated. This is the access token that must be entered into the digifobpro’s Dropbox configuration. It is easiest if you CUT and PASTE in digiconnect. See page 6 for required parameters when forwarding.

Sending files via the WiFi Module

Congratulations! if you have followed the instructions correctly you are now ready to send Tachograph Driver and Vehicle files via your digifobpro.

Firstly you do not need to have the WiFi module connected at all times. You can download Driver cards and Vehicles independently. Each file you save to the digifobpro has a marker which shows that it has not been uploaded. We call this marker the "Archive Flag".

Commit as many files as you like to your device and when you are ready you can hook up the WiFi Module.

Make sure that you are in range of the WiFi network that you setup on your device.

Select  and then 

The screen will tell you how many files you have to send. Press OK. It will take up to 30 seconds to connect and then start sending. A progress bar will indicate where you are in the process. An audible warning sounds on completion, press OK to acknowledge.

Resending files

It is possible to resend files. From the main menu on your digifobpro.

Select   

Scroll down the list of files. Press OK on the file you want to resend.

Select  press OK

Use the RIGHT ARROW to change Archived to NO and press OK.

No exit back to the main menu on the digifobpro using the RETURN arrow.

Select  and then  followed by OK (as above).

Troubleshooting

My digifobpro module will not connect to the network.

- Check that the WiFi network works for other devices
- Ensure that your WiFi module is correctly inserted in your digifobpro
- Make sure that your digifobpro firmware is V1.07 or later
- Make sure that your digiconnect software is V5.04 or later
- Make sure that your digifobpro batteries are fully charged

My digifobpro connects to WiFi but will not send files

- The digifobpro WiFi module uses PORT 4619 to send files. Check with your network administrator that this PORT is not blocked on your firewall.
- Check that you have an account with the provider you are sending files to.
- Contact your provider to make sure that they have registered your device's serial number and password, if this is required by their service. They will also need to make sure they are forwarding files into your account.
- Make sure that you have some new files to send. Try resending files (see page 14).
- If you are using Email make sure that files are not in your spam folder.
- If you are using FTP then check that you can actually login using your browser or FTP software with the credentials recorded on your digifobpro.



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