digifobpro

ASSETGO

User Guide

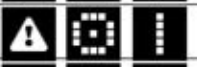
Content Overview

- Initial setup
- Digifobpro functions
- Reading and analysing driver cards
- Downloading vehicle unit data
- Managing the device

data downloaded data delivered

Driver's Hours Rules covered by digifobpro

Digifobpro provides full analysis of driver cards. Find below a list of the information provided by the digifobpro in relation to Driver's Hours. Each of these pictorial representations has a full explanation when you drill down on the device

CATEGORY	ICONS
INFORMATION	
LATEST DRIVE SUMMARY	
LATEST REST INFORMATION	
LATEST SHIFT	
WEEKLY REST	
SUMMARY W/C	
PERIOD OF INACTIVITY	
TIME OVERLAP	
INFRINGEMENTS	
DRIVING BREAKS	
INSUFFICIENT DAILY REST INCLUDING DAILY REST EXTENSION / REDUCTION	
DAILY DRIVE LIMIT INCLUDING EXTENSIONS	
WEEKLY REST OR WEEKLY REST COMPENSATION	
WEEKLY DRIVING	
FORTNIGHTLY DRIVING	
MISSING PLACE RECORD	
UNKNOWN ACTIVITY	

 Some infringements are classified depending on their severity (1-4).
See page 7 for more details.

WORKING TIME	
INSUFFICIENT WORKING TIME BREAKS IN THE REPORTED DAY	
WEEKLY WORKING TIME OF 60 HOURS EXCEEDED	
INSUFFICIENT AVERAGE WEEKLY REST IN A 17 WEEK PERIOD	

Table of Contents

Box Components

- digifobpro
  - Version 2 - DFP02 (Serial Number "20XXXXXX")
  - Version 3 - DFP03 (Serial Number "45XXXXXX")
- Vehicle Unit Cable (DFP02-TC)
- USB Cable (USBAM-180)

Charging your digifobpro:

Digifobpro can be charged by a 5 volt USB adapter commonly used with many phones however we would strongly recommend charging your digifobpro via a PC or Laptop USB socket.

A red LED is displayed when the unit is charging correctly. When the unit is fully charged the charging light will change to green. Be aware that the first charge may take several hours. For best results you should charge with the unit powered down.

Digifobpro has power saving features that can be managed through the device menu or via our Windows™ digiconnect software available at www.tachosys.com or as installed on the extended storage drive available on your digifobpro.

digifobpro controls

To turn digifobpro ON, hold down the OK button for 2 seconds.


The power icon in the menu will turn the 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.

Download


Driver Card: With digifobpro downloading is automatic. Simply insert a driver card in the card slot at the top of the digifobpro with the gold chip facing you.


Vehicle Unit: There are two methods of downloading the vehicle unit.
Cable - insert a valid company card in the Tachograph and then attach the supplied cable to the Tachograph.


digiblu - for a cable-free option, you can insert a digiblu into the tachograph and then connect your digifobpro with the digiblu via Bluetooth. The method of connection will vary depending on your version of digifobpro

- ***Version 2 digifobpro***: see page 14 for connection details
- ***Version 3 digifobpro onwards***: insert your compatible digiblu into the VU (for compatibility, see page 33). On the digifobpro go to the Download menu and select the VU Download (digiblu) option. On selecting this option, the digifobpro will find nearby digiblu devices in a VU. On the first connection you will be prompted to enter a PIN number. Enter the pin (located on the white product label on the packaging). Once the pin has been entered you will not be required to enter it again.

Downloading the Vehicle

You must first place a valid Company card in Slot 1 or Slot 2 of your Vehicle Unit (VU). You can then choose from two methods of connecting the device with the VU. Either attach with the VU cable supplied or connect to a digiblu device which is inserted in the tachograph Note: the digifobpro and digiblu must have an existing Bluetooth connection (see above) and be compatible with each other (see page 33).

Downloading the Vehicle (cont.)

Once you have selected your connection option, the VU Download menu will appear. Refer to your vehicle's Tachograph instructions for details on where the physical download connection is located or see Page 5 for helpful hints.

Use the UP and DOWN arrows to select options and the LEFT and RIGHT buttons to turn ON and OFF options or to increment the values. Select the Download ICON and press OK.

The minimum requirement for a standard download consists of;

Activity: Since Last (VU) — Events and Faults: Yes — Speed Data: No — Technical Data: No.

Using the digifobpro menu you can download 'ALL data', a set number of days or 'Since last' which will download from the last time recorded by your digifobpro.

Since Last (VU) downloads from the date recorded by the Vehicle Unit based on any device that downloaded it (not including Control or Workshop cards). This is the default for all Tachosys devices. There are further download options that can be set using the digiConnect software (see page 18 onwards).

Driver Card Menu

Download: insert a driver card in the card slot at the top of the digifobpro with the gold chip facing you and at the bottom. Digifobpro will read the full contents of the card and commit it to it's internal memory. Once the card is read you can press OK to see further options.

Reviewing existing files

Choose the driver you wish to analyse and then select the Analyse Icon. You can sort drivers by time or A-Z, Z-A by using the Left and Right arrows. A filter screen will allow you to choose which elements of the analysis you wish to view. You can scroll through the analysis using the UP and DOWN arrows.

Filtering: The data is split into categories; Information, Infringement, Summary and Latest. Turn ON or OFF options by highlighting using the UP and DOWN arrows and turning an option ON or OFF with the Left or Right buttons.

First level Driver Card Analysis icons


Latest


Summary


Infringement (may be classified)


Information

Second level Driver Card Analysis icons


Drive


Rest


All modes; Drive, Rest, Work, POA.


Work


Availability


Time overlap

Third level Driver Card Analysis icons


Weekly


2 Weekly


Within 24 Hours.


Break

Putting analysis icons together

The three levels of icon used in the driver card analysis are put together to give an at a glance view of summarised data. For example;

= Latest summary for all modes in last 24 hours.

= Infringement - Rest - Weekly (Weekly rest infringement)

You can scroll through all analysis entries and drill down with the OK button for more detailed information.

Additional Driver Card Functions

Activity data in graphical form.

Events and Faults

Vehicles Used

Places

Delete File - use this

General events

Faults (Recording Equipment)

Security breach event

Sensor Security Breach

Overspeeds

Events and Faults Icons applicable to Driver Cards and Vehicles

Infringement Classification

Where a number appears in an infringement icon this corresponds to the classification of the infringement.

Minor Infringement (MI)

Very Serious Infringement (VSI)

Serious Infringement (SI)

Most Serious Infringement (MSI)

Where no number appears in the infringement icon this means the infringement has not been classified in the Commission Regulation (EU) 2016/403 document.

Vehicle Unit Menu

Choose the Vehicle you wish to analyse from the list. You can sort Vehicles by time or A-Z, Z-A by using the Left and Right arrows.

Vehicle Functions

- Information on the downloaded file
- Events and Faults, OK to drill down (page 7 for icons)
- Calibration data
- Delete File - use cautiously.
- Activity data - OK to drill down, UP / DOWN to scroll
- Speed data, LEFT / RIGHT to zoom, UP / DOWN to scroll
- Speed graph shown for 4hz Data (see page 9)

Additional Guidance for special features - 4hz Speed Data

Example 4hz speed data graph

4hz speed data is available for the VDO tachograph only and must be specified in the VU download as "VDO Special Data". The 4Hz data is split into six records each two minutes long and they include any deceleration events. The two vertical purple lines (marked 1 and 2) can be moved to the start and finish of a deceleration event and the display will reflect; the period of deceleration, the distance covered and the actual deceleration in m/s^2.

Use the keypad Left and Right arrows to select the lines <1> and <2> and in turn move them to where you need them using the UP and Down arrows.

SRE DDS and VDO Counter

Your digifobpro has a unique and extremely useful new feature. By connecting your digifobpro to any digital tachograph and placing the digifobro in this mode you can view your current driving totals in real time. To do this attach the digifobpro to the VU with the supplied cable or connect it to a digiblu device which is inserted in the tachograph (Note: the digifobpro and digiblu must have an existing Bluetooth connection and be compatible with each other - see pages 5 & 33).

Please note that whilst digital tachograph have been around since 2006 more comprehensive real time data provided by the tachograph was not available until around 2012. Despite this there are benefits for all users adopting this technology.

VDO Counter Compatibility

The table below shows which versions support full Counter functionality and whether updates or activation cards may be required.

	1.2a	1.3	1.4	2.0	2.0a	2.1	2.1 active
VDO Counter	—	—	—	— *	✓ ***	✓ **	✓

* Upgrade of the release is possible via workshop

** Must be activated with an Update Card

*** Can only be activated via the workshop

The VDO Counter Update Card comes in two types Single or Multi Use.
The part numbers are:-
Single: A2C59516603 Multi Use: A2C59516604

Stoneridge DDS Compatibility

Stoneridge tachographs support DDS from the Exakt Duo R7.4 onwards.

Connectivity *(version 2 only)*

The latest version of the digifobpro has both Bluetooth and WiFi connectivity.

Bluetooth / Phone Link *(version 2 only)*

Bluetooth functionality allows the digifobpro to be used as an interface to the Tachograph by an Android phone or tablet. Third parties can develop applications using the digifobpro as their connection to the Tachograph.

Please check out the Google Play store for the digifobpro Companion app. This app allows you to control the download of files from the Tachograph using your Android phone or tablet. You can also choose to email the resultant files or you can register your device with your provider's digicentral server if they support this automated service. Tachosys can provide server hosting if you do not work with an online analysis provider offering this service.

There are additional Bluetooth settings in the Settings section (page 14) .

You can download the digifobpro Companion app guide at Tachosys.com.

WiFi Upload

The new version of the digifobpro (2021 onwards) has built-in WiFi, allowing users to set the digifobpro to upload files to a server without an additional WiFi module.

To connect the digifobpro to a WiFi network and to configure the server settings for upload, see pages 14-17.

Extras

The digifobpro platform is extremely flexible and the Extras section will allow Tachosys to release additional functionality in the future. New functionality will be activated or invoked in this area. Examples of this are specialist functions for Enforcement Authorities or Workshops. For a fun freebie, go to digidefender.tachosys.com/ to unlock DigiDefender, something to spend your rest time playing. News of other Extras will be available at tachosys.com/digifobpro.

About

Serial Number and Password; Date of Manufacture and version; Storage Used; Battery status and charging status when applicable

Settings

Download: Vehicle Download Settings

VU Options: Download Speed: refers to the speed of the download; Optimised is the fastest method. If you have any download difficulties then revert to the Standard option.

Default Days: the maximum number of days downloaded from the VU using the "Since Last" option. Use the RIGHT and LEFT arrows to increment.

Standard Download

Activity: default setting for Standard Download

Events and Faults: set default YES or NO

Speed Data: set default YES or NO

Technical data: set default YES or NO

VDO Special Data: As above, plus in the case of VDO Tachograph you can access additional data relating to enhanced speed recording & extended period recording.

Stoneridge Special data: Manufacturers may request you to download special TREP numbers to help with debugging Tachograph issues.

Download - Read Log

The digifobpro keeps a log of all downloaded events to assist in identifying any download issues.

Download - Clear Log

This option clears the log file.

Analysis Options

EU Rules: Set as Yes/No depending on whether EU rules are followed.

Working Time: Set as Yes/No depending on whether you are subject to standard EU working time rules.

Unknown Activity: Set as Yes/No depending on whether you want periods of unknown activity highlighted

POA as Break: Set as Yes/No depending on how this applies in your region.

Home Country: Define which nation is your home country

Reporting Period: By default set to off. If you want to generate a text infringement report select the time period you want to report on (1-8 weeks from current date). The report is saved in the 'Other' folder when the device is connected to digiConnect or in your tachograph mass storage drive (if enabled).

File System

File Options: You can set the digifobpro to overwrite archived files so that it is less likely to fill up, this is the default setting.

Tachograph USB Drive: You can enable the digifobpro stored files to be seen by Windows explorer. Hiding Archived files will ensure you do not see files that are already downloaded. Finally you can set the file naming convention for your software. There is also the option to store/display files in subfolders,

Standard USB Drive: You can enable 3GB of digifobpro storage for your own use. Please be aware that this will contain your manuals and software.

Delete All: The Delete ALL option effectively reformats the Flash Memory on your device and all files will be deleted so use very cautiously.

Language: Set the language. If your language is not available visit Tachosys.com and download the latest digiConnect software as this will contain all the latest language updates.

Display: Set brightness, number of seconds before the unit goes to sleep or shuts down and whether you want a full or simple menu.

Date & Time: Set Date and Time

Sound: Turn sounds ON or OFF

Connectivity

Add Device *(v2 only)*: In order to use **Bluetooth** devices with your digifobpro you must first pair them. This option scans for Bluetooth devices and allows you to add them using the appropriate PIN number for the device you are attaching to.

Remove Device *(v2 only)*: You are limited to 32 devices so this option allows you to remove devices you no longer need. Or you can tidy the list removing devices you no longer have.

Add Network: This option scans for WiFi networks. Once the correct network has been found, select it 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.

Remove Network: This option allows you to remove any registered network.

Note: **Adding and Removing Networks and configuring Server Settings may be simpler using digiconnect. To find out how to use digiconnect to add/remove networks and to configure server settings, see pages 22-29**

WiFi Upload (Server Settings): This option allows you to configure which method the digifobpro uses to send files to a server. Currently the digifobpro WiFi service is supported by a single Host in the Cloud. The Host Name is pre-set to 'file.digiffs.com'. See the default settings below.

Default WiFi upload settings:

Hostname	file.digiffs.com
Port number	4619
Type	Email

WiFi Upload (Server Settings) cont.

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
ConveyTech	Operator ID	Location		Yes
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
Smartanalysis	DUNS Number			Yes
Tachomaster	Account Name	Host Address		Yes
Tadig	Cust Number			Yes
TDI	Depot ID			Yes
Trutac	Access Token	Site GUID		Yes

WiFi Upload (Server Settings) cont.

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 "20" or "45". 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 28-29 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 15. 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 22-25). 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 using the buttons on digifobpro.

Upload Prompt

The upload prompt option is off by default. Turning this on will enable a prompt after every download to perform the WiFi upload.

Sending Files via WiFi

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

Note: You do not need to be connected to a WiFi network 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 perform a upload via WiFi.

Make sure that you are in range of the WiFi network that you setup on your device and then select the WiFi upload icon (from the main menu).

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.

To exit back to the main menu on the digifobpro using the RETURN arrow. Follow the steps at the top of this page 'Sending File via WiFi' to perform the upload via WiFi.

digiconnect Windows ® Software v5.04 onwards

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 / 8 / 8.1 / 10 / 11

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. Please 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 supplied USB cable, to a free USB socket on your PC. Connect the other end to the USB port on the bottom of the digifobpro. 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 are having problems connecting the digifobpro to the PC disconnect the cabling from your PC and try an alternative USB socket. If you still have problems try a different cable of the same type.

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.

Fig 3.

Global Options for digiconnect

There are settings in digiconnect that will apply to all Tachosys devices that connect to your PC.

Fig 4.

Select options in this part of the screen shown in full in Fig 3.

Open Archive Folder...

This option allows you to quickly navigate to the driver card and vehicle unit file archive directory on your PC.

Options (Global):

Select Options from the menu in Fig. 4

Fig 5.

1. Choose the file naming convention suitable for your analysis software in Fig 5.

2. Choose whether you want 'Automatic' download of files from your digifobpro or whether you wish to be notified of new files when the unit is connected to your PC. By selecting Automatic each time your digifobpro is connected to your PC any files that are not already on your PC which exist on the unit will be downloaded automatically. A small window at the bottom right of your screen will indicate the progress when automatic transfer occurs.

3. Choose the location in which you wish to store your driver card and vehicle unit files when they are downloaded from digifobpro.

4. If you tick the 'Place downloaded files into the sub-folder of the driver or vehicle' option, whenever driver card files or vehicle unit files are downloaded from digifobpro they will automatically be sorted into separate directories by driver name or vehicle registration number.

5. By choosing the 'Manual' option you will have total control over what it is you download from the digifobpro. In this mode you will have to browse to the digifobpro and copy files manually using digiconnect.

Card Readers

digiconnect will support most standard card readers and the Tachosys digicard. This allows you to upload driver cards directly into the digiconnect default Archive Folder.

digiconnect settings for your digifobpro

To configure settings specific to your digifobpro choose an option this part of the main options screen shown in Fig 3.

View Files on Device: digifobpro comes with its own file browser software to enable you to manage the files that are held on the digifobpro via your PC. This is particularly useful for where you have opted for Manual Download within the Archive Settings. Select the 'View Files on Device' option and you will be presented with the file browser screen as shown in Fig6.

File Types: You can click on 'Driver Card' or 'Vehicle Unit' to restrict the file list to a particular type.

Fig 6.

Please Note:

The 'Other' section holds text files containing each driver card analysis. You can download and open these in Word or Wordpad. These files are replaced each time you analyse and will include applied filters.

File Management

Upload: Allows you to upload files from your PC's hard drive to the digifobpro's internal memory. For compliance you must regularly archive files to your PC.

Download: You can highlight any file in the file window and click 'Download'. This will prompt you for a location and file name in which to save the file.

Delete / All: Highlight any file and use the Delete option to delete it. 'Delete all' will remove all files from the device. Ensure that you have downloaded any important files before using this function.

View Files on Device cont.:

Properties: will show the properties of any highlighted file. Here you can change the 'Archive' properties of a file. If you deselect 'Archived' and 'Archived Remotely' next time you connect the digifobpro to your PC this file will be automatically downloaded provided that Archiving is set to Automatic. This is particularly useful when files have been lost on your PC or a download is interrupted part way through.

If you right click a file in the file browser main window you will see three options; Download, Delete and Properties. These options are exactly as defined above.

Configure Device:

This option allows you to configure all attributes of the digifobpro (see Fig 7.). Under 'Device - digifobpro' you can view the unit's Firmware Version, Serial and Build Date.

Fig 7.

Options

Change Language, Sync the digifobpro time with your PC, Apply the Local Time Offset (compares the PC time to the UTC time and applies the appropriate difference). The default for the Offset is ticked ON.

Download Speed: refers to digifobpro VU Downloads and should always be set to Optimised unless you have a particularly slow Tachograph and have problems downloading.

Mass Storage Device: digifobpro has 3GB of storage that can be used for a customers own files. If you do not want Windows to reference this every time you attach the digifobpro to the PC you can disable this feature.

File naming conventions: You may change the driver card and vehicle unit file conventions to suit your country or analysis software. Simply select the most appropriate option from the drop down menu.

Show unarchived files only: By default files that have been downloaded from the digifobpro are not viewable via Windows. To see archived files set this option to UNTICKED.

File Storage

Here you are able to configure what happens when the digifobpro becomes full. You can select to delete the oldest files first; the oldest archived files first; or to maintain all files which will trigger the download to fail when the file storage is full.

Vehicle Unit Download Options / TREPS (Transfer Response Parameters)

Vehicle Unit Download - Options

Click on the appropriate option that is listed below 'Vehicle Unit Download' (see Fig 8.) to set your download requirements. Click 'Apply' and the settings will be written back to your digifobpro ready for the next vehicle unit download.

Fig 8.

Vehicle Unit Download - Options cont.

Whenever you reference vehicle unit file data on the digifobpro we refer to the term TREPS (transfer response parameters). A definition of each configurable option is listed in the table below along with its corresponding TREP number.

Overview: includes data such as vehicle ID, Last VU download and by which type of card.	TREP 1
Activities: all tachograph recordable actions performed in the use of the truck by a driver or other card holder. Does	TREP 2
Events and faults: all faults recorded on the tachograph including; overspeeds, power interruptions and time adjustments.	TREP 3
Detailed speed: truck speed is recorded every second the truck is moving. There is a limit of 24 hours of data.	TREP 4
Technical data: details relating to the vehicle unit identity, software version and calibration.	TREP 5

Change Firmware

From time to time firmware updates will be made available for your digifobpro.

When using digiconnect if you have internet access you will automatically be prompted to update when new firmware and software becomes available.

If you need to manually update the digifobpro select the 'Change Firmware' option and the Windows® explorer window will open. Select the firmware upgrade file that you will have downloaded from the internet or been supplied by your retailer.

Once you select a file it will be automatically uploaded to the digifobpro and a progress window will indicate the various stages of the update. The process will take several minutes. If the firmware upgrade should fail for any reason please refer to Troubleshooting on page 34.

WiFi Settings

From 2021, digifobpro has built-in WiFi. To enable WiFi on an older version you can purchase a WiFi adaptor from www.tachosys.com. The WiFi settings are the same for both variants.

Connectivity

To connect the digifobpro to a WiFi network, click the 'Add' button (see fig. 9).

Fig 9.

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

Clicking the arrow next to the SSID box will scan for networks. Once you select the appropriate WiFi network you can fill in the passphrase and click OK.

Check that the Host Name and Port Number are correct for the service you intend to use. The default settings are on page 14. 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'.

Each File Forwarding Destination will require certain parameters to be filled. 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.

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.

See page 15 for a list of current services and the parameters required.

File Forwarding to Dropbox

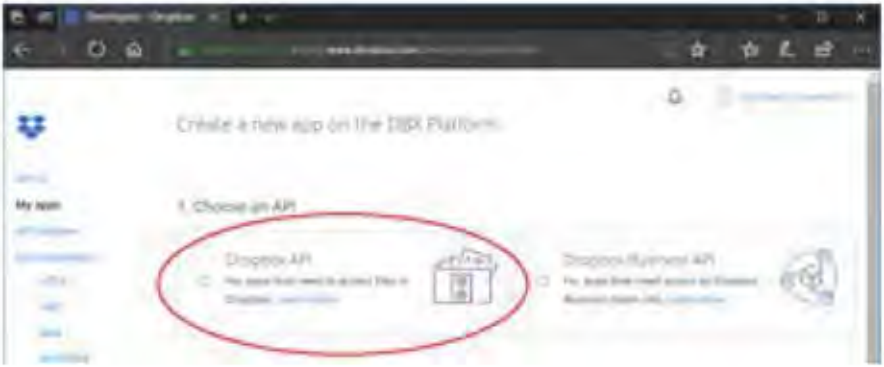
The DropBox service requires additional setup within the service itself.

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'

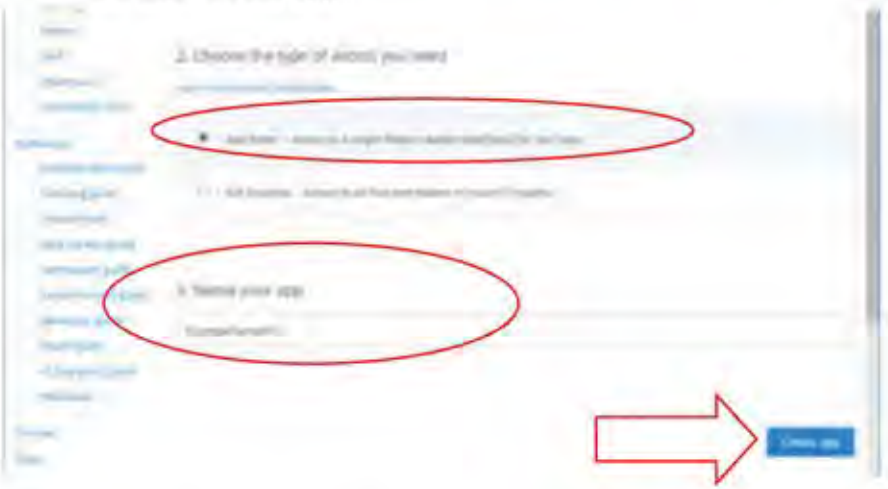
- Se-

lect 'Create App'



- Se-

- Select App folder and enter your own name for that app.
  Then 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 7 for required parameters when forwarding.

Digifobpro Accessories:

You can purchase these options via your reseller or the Tachosys online shop.

5 Volt, Car

Replacement Cover

5 Volt, Wall (UK)

5 Volt, Wall (EU)

Replacement Cable

Optional WiFi Module

CAN Bus add-on (digifobpro CAN Monitor)

The CAN-Bus add-on has two cables. The first converts the digifobpro plug to a 4 pin socket. The second is the CAN Slide which allows you to listen to any pair of CAN-Bus wires. A software licence unlock card for your digifobpro is included in the kit.

- Set: Mode, Baud Rate, Mask and Filter
- View Messages
- Record Messages
- View message files
- Save files and view in other software

CAN Bus add-on - Continued

Your CAN Bus add-on is activated with the CAN Monitor software unlock card provided. Simply insert the unlock card in the digifobpro card reader and follow the directions onscreen. Connect your digifobpro to the cables provided in the digifobpro – CAN kit. You will need to identify the two CAN Bus wires that you wish to monitor and install the digiCAN-Slide as shown below. CAN Hi and CAN Lo positions are clearly marked inside the digiCAN Slide .

The digiCAN-Slide places the wires over the sensors as you slide the case cover back on. If you are temporarily monitoring you don't need to replace the Philips screw.

Select 'Extras' on your digifobpro and then CAN Monitor.

Mode:

View - Allows you to view the live CAN Bus messages as they stream through the wires. You must set the correct Baud Rate, Mask and Filter. Use the Down Arrow to highlight the CAN Monitor icon and press OK to start monitoring.

Log– this mode will listen to CAN messages on the wires. You must set the correct Baud Rate, Mask and Filter. Use the Down Arrow to highlight the CAN Monitor icon and press OK. This will record CAN data to a log file until you press OK again to stop. The log file name will be displayed.

Play - Specialist feature allowing you to reproduce a log file of CAN messages.

Analyse - This will allow you to view the CAN messages retrospectively (whereas View is live). Select a recorded Log file and press OK to view.

CAN Bus add-on - Continued

Count - This allows you to count the number of devices on a CAN bus. Set the baud rate and press OK to view.

Session - This displays the number of open sessions on a CAN bus. Set the baud rate and press OK to view.

Log Files

The log files generated using the digifobpro - CAN kit are saved to your digifobpro and passed to digiConnect the next time you attach to your PC. The files are stored in the folder called 'Other' and are simple text files which can be opened with programmes such as Word or Notepad.

Digifobpro WiFi Module (pre-2021)

For earlier version of the digifobpro (pre-2021), the additional WiFi module 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 support.

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

Download Errors

If you experience an error downloading either the driver or vehicle data check the download log and use this information when speaking to your reseller. See page 12 for information on how to access the download log.

Complete reset of digifobpro:

If your digifobpro stops responding completely it is possible to reset the device by holding down the Return button for 5 seconds. Do not use this option as a regular feature especially if a firmware upgrade is in process as it is equivalent to removing the power from the battery momentarily.

Firmware upgrade failure *(version 2 only)*

If for some reason a firmware upgrade is unsuccessful it is possible to return to the previous firmware stored on the device. First turn the digifobpro OFF. With the unit now off, hold down the UP arrow and keep it held down, now press the OK button at the same time. Press OK when prompted to do so. Digifobpro will now restore the former firmware. This option should only be used as a last resort.

Battery Calibration *(version 3 only)*

If the battery level does not match the charge indicator fully charge your device until the charging light shows green. Then, starting with the device switched off, hold the RIGHT arrow and boot up the device by pressing and holding the OK button. This will recalibrate the on-screen battery level calculation.

SD Card Failure on boot

If you see an "SD Card Failed - OK to retry" error message displayed on start up this means that the internal SD Card Storage initialisation has failed. Press OK to try restarting the device. If this problem persists please contact your Tachosys reseller for support.

Bluetooth Compatibility

If you are unable to link your digifobpro with your digiblu device this may be because they are incompatible with each other. See below for compatibility:

	digblu v1 (DB01)	digblu v2 (DB02)
digifobpro v2 (DFP02)	✓	—
digifobpro v3 (DFP03)	—	✓

Troubleshooting WiFi issues

My digifobpro module will not connect to the network.

- Check the WiFi settings are correct with no unintended characters or spaces
- Check that the WiFi network works for other devices
- Ensure that your WiFi module is correctly inserted in your digifobpro (if applicable)
- 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 and the WiFi module use 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 17).
- 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.

The digifobpro includes infringement checking designed to comply with European legislation. This is with the following caveats:

The interpretation of the driving and rest times, speed information and information about possible tampering with the digital tachograph is carried out by national supervisory authority officials on the basis of Regulation (EC) No. 561/2006 of 15.03.2006 (Driving and Rest Time regulation) and Regulation (EC) No. 1360/2002 of 13.06.2002 (Recording Equipment in Road Transport). With the implementation of these regulations into national law, there is some room for interpretation which can lead to differences from country to country.

Whilst infringement checking on digifobpro can provide a quick check it cannot replace a comprehensive review carried out by the national supervisory authorities. There are various interpretations and deviating applications of the above regulations which are beyond the sphere of influence of the manufacturer. Accordingly, neither the manufacturer nor its distribution network will be held liable for fines validated by an authority. The manufacturer or its sales channel assumes no liability for any loss that may arise from use of the device.

Events and Faults

Please note! Council Regulation (EC) No. 2135/98 and its Annex 1 (C) sets out exactly which faults and events should be recorded by a Vehicle Unit. In essence the nature of the data recorded within these categories may help to identify tampering with either the tachograph unit or its sensors or may help to diagnose a fault within the tachograph or sensors. The list of possible faults is extensive and they have therefore been grouped into categories. You may wish to refer to Annex 1 (C) or your Tachograph user guide for further information on Events and Faults.

data downloaded data delivered

CE UK CA