SEYİR

SAFE JOURNEY

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SEYİR

ABOUT US

Seyir Mobile System Inc. is a technology company which was established in 2012 with its own R & D center in the field of vehicle tracking and fleet management systems with the advantage gained from the experience of transportation and logistics sector since 1997.

Why Vehicle Tracking ?

Save fuel by providing the vehicle with out-of-work and unnecessary idling status.

Protects against theft by reporting the location and contact information.

It reads information such as speed, odometer, fuel consumption, tank level, engine operating hours and engine speed from the CANbus of the vehicle in all compatible brands and models and presents it to the user.

Keep track of your vehicles maintenance, service and repair activities and keep you informed of the next action.

Thanks to the driver recognition system, it increases your control by calculating the driving, break and working times of the drivers.

Compatible with all brands and models of data on the digital tachograph and driver card data, tachograph and driver card data can be downloaded remotely or allows you to download and store.

Speed control prevents possible accidents.

SYR FM10

- Internal Battery
- Remote Update (FOTA)
- Engine Blockage
- Sim Card Intervention Alarm
- Wi-Fi / Bluetooth (Optionally)
- CANbus Support
- Tachograph Data Download

SYR ST10

- Built-in Battery
- Remote Update (FOTA)
- Engine Blockage
- Sim Card Response Alarm

SUPPORTED CANBUS STANDARDS

● SAE J1939 ● FMS ● Mercedes CANbus

TSE-HYB CE SSHYB E-MARK ISO: 9001/10002/14001/27001

Products

SYR FM10
Fleet Management System

SYR ST10
Standard Vehicle Tracking System

NTS
Object Tracking System

TAVİ
Data Download(Local)

Seyir Mobil
Vehicle Tracking Solutions

Fleet Management System

Fleet management system ensures maintenance of vehicles, traffic fines and all other expenses; It also reminds the periodical operations that need to be renewed in certain periods such as inspection, comprehensive insurance, car insurance. You can access your fleet on all computers, tablets and smartphones connected to the internet.

CANbus

Seyir Mobil reads all the details of the vehicle such as speed, odometer, fuel consumption, tank level, engine operating hours, engine speed in all compatible brands and models and provides them to users without deviation. With this information, you can control your fuel costs and analyze the performance data of your drivers while your fleet management is more comprehensive.

Reporting System

Seyir Mobil Reporting Systems is a system that allows you to easily access all the information you need instantly and retrospectively on a single screen. You can instantly see the movement status of your vehicle, fuel level, out of hours working status, alarm situations such as speed violations or unnecessary idling, and you can report it retrospectively.

Remaining Driving Time Calculation

Seyir Mobil Remaining Drive Tracking, allows you to access real-time driving times generated by the tachograph on all your vehicles with compatible digital tachograph. It assists you to manage the legally determined daily and weekly driving and rest times of drivers in the best way.

Downloading Data from Digital Tachograph

Data Download from the digital tachograph is a system that enables the download and storage of data from the vehicle or remotely on all commercial vehicles over 3.5 tons and buses with more than nine seats (including the driver). In accordance with The European Agreement Concerning the Work of Crews of Vehicles Engaged (AETR) and the Road Transport Regulation issued by the Ministry of Transport, it is ensured that the data are downloaded and stored on the vehicle and remotely and the information is presented to the ministry authorities when necessary.

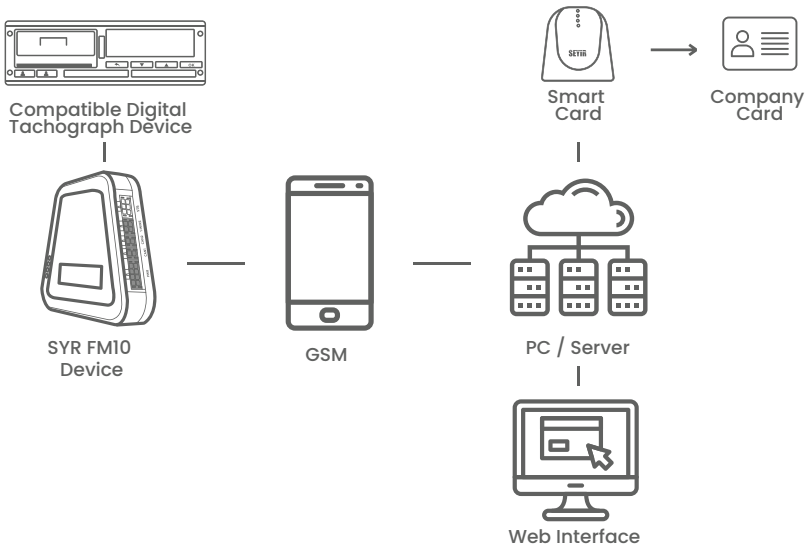
› The data recorded by digital tachographs must be archived in digital media by the authorization certificate holders for a maximum period of three months, including 365 days of data backwards. If the Ministry deems necessary, it can request the relevant data and inspect it on site.

› The data recorded on driver cards by tachographs should also be downloaded for periods of maximum 25 days and archived in digital environment.

Remote Data Download with Digital Tachograph

With our remote data download solution, you can access and download the tachograph data of the vehicles in your fleet. Unlike TAVI (Local), this solution performs data download planning via Seyir Mobil Systems. You get rid of the time loss caused by downloading close (physical) data, and you realize your management planning faster. Thus, you maximize the efficiency of your fleet.

Vehicle Tracking System
Operating Plan



Equiments

- Driver Recognition Unit
- Engine Blocking Kit
- Emergency Button
- Temperature Sensor
- Navigation and Messaging
- Depot Cylinder Sensor
- Door Sensor

TAVI (Local) Data
Downloading from the Digital Tachograph

You can download your data quickly by connecting the TAVI device to the vehicle you want to download digital tachograph data from. In the transaction with the driver card, the card can be downloaded directly by inserting it into the TAVI Local device or downloaded from the digital tachograph. The device is prepared for data download by inserting the driver card into the first card slot of the digital tachograph and the company card into the second card slot. According to your digital tachograph brand, the TAVI local device is connected to the data download connector and the process is started. Data can be downloaded from the device after the LED lights flash once.

Our TAVI (Local) tracking device performs the downloads of Aselsan, Efas, Pars, Stoneridge, VDO and all brands.

What is Company Card, How to Get?

It is a tachograph card issued to owners or bearers of vehicles with a digital (digital) Tachograph device. The company card enables viewing, loading and printing of the data stored in the tachograph device that identifies the company, is locked by the company or not locked by any company.

Preliminary your application, contact centers or from The Union of Chambers and Commodity Exchanges of Turkey (TOBB) web site (https://staum.tobb.org.tr/kartlar_eng.jsp) can. The fee must be paid to the required bank account after pre-application. Then, you can go to the application center with the documents specified in the application and complete your application.

DIGITAL TACHOGRAPH BRANDS	VERSION	DATA DOWNLOAD	REMAINING DRIVE
VDO	1.3	✓ (SHOULD ASK)	✗
	1.4	✓ (SHOULD ASK)	✗
	2.0	✓	✗
	2.0A	✓	✓
	2.1	✓	✓ *
	2.2	✓	✓
	3.0 AND FOR OVER	✓	✓
STONERIDGE	7.0	✓	✗
	7.1	✓	✗
	7.2	✓	✗
	7.3	✓	✗
	7.4	✓	✓
	7.5	✓	✓
	7.6 AND FOR OVER	✓	✓
EFAS	4.2 (BASIC)	✓	✗ **
	4.8 AND FOR OVER (ENHANCED)	✓	✓

*YOU CAN COMPATIBLE WITH THE VDO COUNTER CARD.
** YOU CAN GET INFORMATION FOR LIVE DRIVING COMPATIBILITY

SYR FM10
TECHNICAL SPECIFICATIONS

- ✓ **Internal Battery**
- ✓ **Remote Update (FOTA)**
- ✓ **Engine Blockage**
- ✓ **Sim Card Intervention Alarm**
- ✓ **Wi-Fi / Bluetooth (Optionally)**
- ✓ **CANbus Support**
- ✓ **Tachograph Data Download**

Model	SYR FM10
Size	102 x 83 x 23 mm
Weight	102 gram
Memory	256 Mb (Max. 16Gb)
Battery	Li-Ion 380 mA/h
Feeding	9 – 36 VDC / max.36 VDC 70 mA (avarage) , 250 mA(peak point / vertex) , Over Current Protection, Over Voltage Protection, Temperature Protection
GSM Antenna	Internal
GSM Antenna	Internal
Sensors	Bosch 3 Axis Acceleration ve 3 Axis Gyroscope, Motion Sensor, Simcard Interference Sensor, Cover Intervention Sensor, Built-in Device Temperature Sensor, Battery Voltage Detection
Input / Output	1 x Contact Input 3 x Digital Input (2xNegatif, 1xPositive) 1 x Digital Output (1xNegative) 1 x Engine Blockage (1xNegative) 1 x Uart 1 x RS232 Support 1 x Drive Recognition Unit 2 x CAN 1 x I2C 1 x Tachograph 1 x Temperature Sensor Port (Max. 4 sensor) 1 x USB
LED Indicators	PWR, GSM, GPS, WF/BL
Software Update	Available(FOTA, USB, WF)
Wifi / Bluetooth	Optionally

SYR ST10
TECHNICAL SPECIFICATIONS

- ✓ **Internal Battery**
- ✓ **Remote Update (FOTA)**
- ✓ **Engine Blockage**
- ✓ **Sim Card Intervention Alarm**

Model	SYR ST10
Size	65 x 78 x 24 mm
Weight	72gram
Memory	16 Mb (Max. 7100 Record)
Battery	Li-Ion 380 mA/h
Feeding	9 – 36 VDC / max.36 VDC 70 mA (avarage), 200 mA(peak point/vertex), Over Current Protection, Over Voltage Protection, Temperature Protection
GSM Antenna	Internal
GSM Antenna	Internal
Sensors	Bosch 3 Axis Acceleration and 3 Axis Gyroscope Motion Sensor Simcard Interference Sensor Battery Voltage Detection
Input / Output	1 x Contact Input 1 x Digital Input (1xPositive) 1 x Engine Blockage (1xNegative) 1 x Drive Recognition Unit 1 x I2C
LED Indicators	PWR, GSM, GPS
Software Update	Available(FOTA)
Wifi / Bluetooth	-