Download solutions – efficient and user-friendly

Customised for a wide range of applications

VDO

Downloadterminal II

DLD® Short Range*

DLD® Wide Range*

Downloadkey II

Mobile Card Reader
(with Downloadkey II)

Card Reader

TIS-Web® Scanner

What solutions do I have for downloading data?

To fulfil your legal archiving obligations, you must regularly download the data from the mass memory of your digital tachographs and driver cards.

Many different innovative download solutions by VDO are available for data downloading, all customised for a wide range of applications. Impressively simple to operate and powerfully efficient, they also possess the ultimate in data security systems.

Mobile solutions

Downloadkey II
The Downloadkey II is the mobile solution for down-loading and transferring mass memory and driver card data. A company card must be inserted in the digital tachograph during the download procedure *(more on this on Page 3)*.

Mobile Card Reader
With the Mobile Card Reader you can transfer driver card data to a Downloadkey II at any time. There is no need for a company card *(more on this on Page 4)*.

Wireless solutions

DLD® Wide Range and DLD® Short Range*
You'll find more DLD® information in the relevant product information sections at:
www.dtco.vdo.com/downloads

Indoor solutions

Downloadterminal II
The Downloadterminal II is the stand-alone solution for downloading driver cards and for transferring data from a Downloadkey II *(more on this on Page 6)*.

Card Reader
With the Card Reader you can download driver cards in the office and transfer the data directly to the com-puter *(more on this on Page 5)*.

TIS-Web® Scanner
This scanner digitises analogue tachograph charts and automatically uploads the results to TIS-Web®.

*You'll find more information in the DLD® Short Range and DLD® Wide Range brochures.

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Downloadkey II (DLK II) – simple data handling

The VDO Downloadkey II is the ideal transport medium for fleets, workshops and authorities – it downloads and transfers mass memory data from digital tachographs and from driver cards inserted in the tachograph.

The DLK II can also be used as an archiving tool for small fleets and owner-drivers. To protect data from unauthorised access, a company card is required for data download.
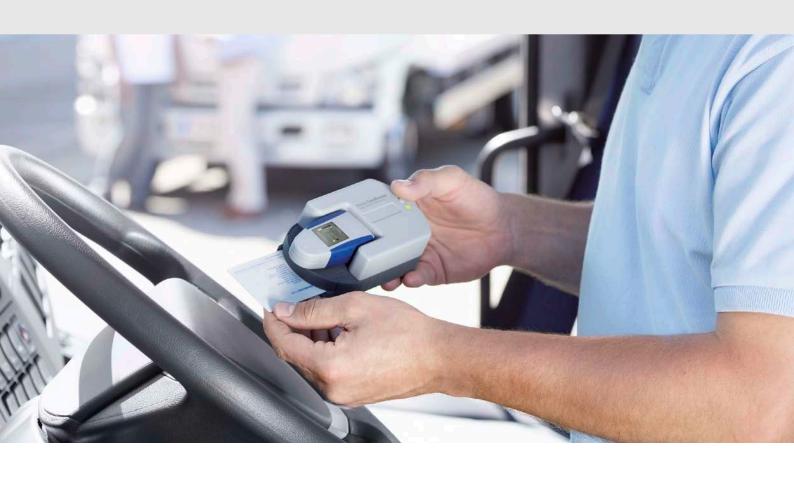
ℹ Features of the Downloadkey II

- The serial 6-pin interface is compatible with all digital tachographs and enables data downloading via the front interface of the tachograph.

- The USB 2.0 interface enables fast data transfer to the office computer.

- The DLK II weighs less than 50 g, is no larger than a mobile telephone and fits in any shirt pocket.

- The DLK II requires neither a power supply nor a puffer battery to retain its data – so you can use it in vehicles or on your computer at any time.

- An optical display indicates memory capacity and download status for maximum comfort and ease of handling.

- The memory capacity is sufficient for around 4,000 quarterly downloads.

Downloadkey Portable Set
The Downloadkey Portable Set consists of a Downloadkey II and a Mobile Card Reader *(more on the Mobile Card Reader on Page 4)*. This enables drivers to download data from their driver cards without the need for a company card.

Mobile Card Reader – simple data handling

The Mobile Card Reader by VDO is a mobile scanner for driver cards – it enables data to be transferred directly to a Downloadkey II, TIS-Compact III or Inspectionkey.

It's ideal for drivers who cannot return to the company site on a regular basis.

Features of the Mobile Card Readers

- With the Mobile Card Reader drivers can directly transfer driver card data to a Downloadkey II, without the need for a company card.

- The Mobile Card Reader can be operated either by battery or by mains adapter – so you can use it anywhere and at any time.

- LEDs for displaying memory capacity, download status and battery charge status ensure user-friendly and secure operation.

Downloadkey Portable Set
The Downloadkey Portable Set consists of a Downloadkey II and a Mobile Card Reader *(more on the Downloadkey II on Page 3)*. This enables drivers to download data from their driver cards without the need for a company card.

Card Reader –
compact and handy

The VDO Card Reader is connected to an office computer by means of a USB cable. With the TIS software you can download digital driver card data and store it for archiving and evaluation.
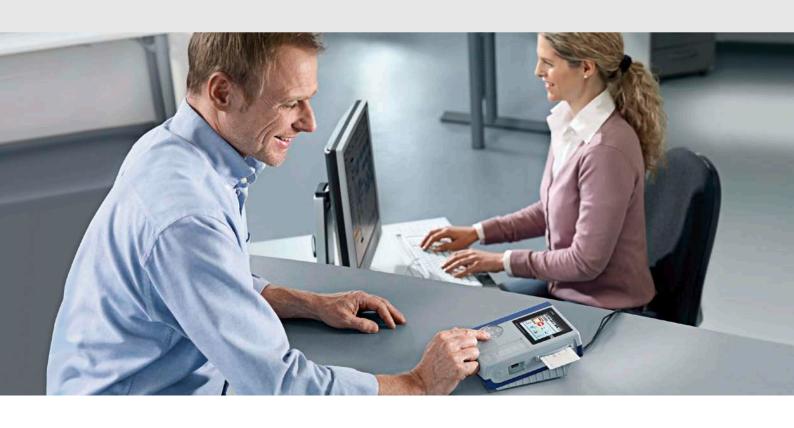
The VDO Card Reader is suitable for all fleet sizes.

Features of the Card Readers

• The handy Card Reader enables the easy downloading of driver cards in the office.

• It is connected to the computer by means of a USB cable.

• The compact Card Reader is extremely easy to use.

Downloadterminal II – flexible and robust

The Downloadterminal II by VDO offers drivers the option of downloading and viewing driver card and Downloadkey II data themselves. The Download-terminal II can be set up anywhere, e. g. in the drivers' rest room – making it accessible around the clock.

The VDO Downloadterminal II facilitates the downloading and transport of data, especially for larger fleets. It simplifies the handling of large amounts of data and is perfect for drivers who have irregular working hours.

Features of the Downloadterminal II

- With a mains adapter, the Down-loadterminal II can be used as a stand-alone solution, guaranteeing flexible use – anywhere and at any time.

- Driver cards are automatically down-loaded via the integrated chip card reader. The driver can also view his data if required.

- Downloadkeys can be automatically downloaded via a USB interface.

- A 3.5" colour TFT display enables download data to be viewed and a basic evaluation to be made (of driver and vehicle information).

- The data stored in the Downloadter-minal II can be easily retrieved and transferred to the computer at any time for fleet management purposes.

- The Downloadterminal II data can either be downloaded via a USB stick or taken to the office and connected to the computer there by USB or net-work cable.

- For data storage, the Download-terminal II is equipped with a 256 MB internal memory – enough capacity for around 1,000 quarterly down-loads. The memory can also be ex-panded up to 4 GB with a USB stick.

Download solutions
at a glance

	Downloadkey II	Downloadkey Portable Set	Card Reader	Download-terminal II
Downloading data				
Downloading of mass memory data from digital tachographs	● [1]			● [2]
Downloading of driver card data	● [1]	●	●	●
Transfer of data to a computer				
Connection to a computer by USB cable			●	●
Connection to a computer by network cable				●
Direct connection to computer's USB port	●	●		
Data transfer by USB stick				●
Data transfer by Downloadkey II / TIS-Compact III		●		●
Installation				
Can be used as a stand-alone solution	●	●		●
External power supply required				●
Internal memory available	●	●		●
Interfaces				
USB interface	●			●
RJ 45 interface (Ethernet connection)				●
Special Downloadkey II / TIS-Compact III interface		●		●
Status indicators (Display / LEDs)				
Download status display and basic evaluation				●
LED for displaying download status	●	●		
LED for displaying memory capacity	●	●		
LED for displaying current battery charge status		●		

[1] A company card must be inserted in the DTCO®. Inserted driver cards are downloaded via the front interface on the DTCO®.
[2] Mass memory data is downloaded from the DTCO® with the Downloadkey and from there transferred to the Downloadterminal II.

Depending on your company-specific requirements, VDO offers you various integrated and customised data management solutions. Ask your **VDO service partner** for more **product information** about individual solutions – or visit our website at **www.dtco.vdo.com**

Continental Automotive GmbH
Heinrich-Hertz-Str. 45
78052 Villingen-Schwenningen
Germany
www.dtco.vdo.com
tachograph@vdo.com
VDO – A Trademark of the Continental Corporation