

# WEIGHING TERMINALS



# DV PRO



The control terminal has a flexible and modular structure so it can meet all self-service identification and data transfer needs. The DV PRO is the smartest control terminal on the market. Its stainless steel cabinet is specially designed for industrial use outdoors and supports a wide range of applications, e.g. weighings on a weighbridge.

The DV PRO has an extra strong handle designed to withstand impact from side mirrors for example, protecting the terminal and the electronics inside.

The DV PRO can be upgraded with a variety of applications for robust user

control terminals. Apart from Danvægt's own software solutions, many external suppliers have created software for the DV PRO.

That is why the DV PRO is the most flexible product on the market in terms of the choice of control terminal, today and into the future.

With the DV PRO, it is therefore possible to switch software supplier and keep the same terminal – the interface is open for all system suppliers.

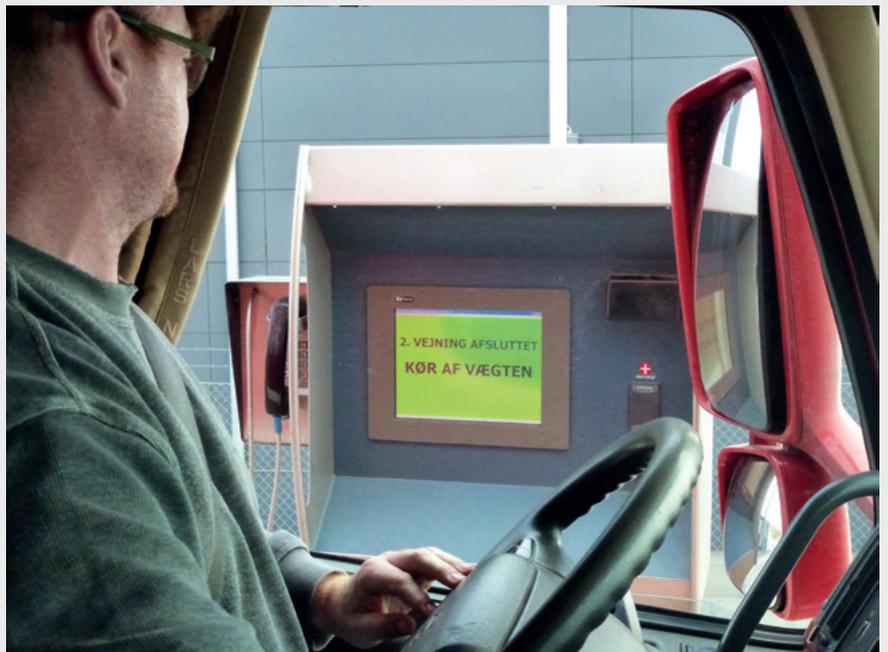
The terminal consists of a watertight, heated cabinet made of stainless steel.

The cabinet houses a large 15" touchscreen and there is plenty of space for extra equipment like a built-in printer to print results, etc.

It can also be equipped with multiple card readers, including barcode, magnetic strip and RFID readers.

Other addons include an extra display, a built-in or external light, a speaker and many other modules.

As an option, the terminal can be upgraded with an intercom or an external phone system if wanted.





The standard version of the DV PRO comes with the following equipment/ functionality:

- Bright 15" 1000 nit colour screen with 1024x768 resolution, recessed into the front panel with an IP 65 seal.
- Touch functionality integrated in the screen.
- PC terminal, with Pentium-M processor and no moving parts.
- Network connection for communication with PC system.
- LED lighting for night-time use. The LED gives a welcoming, clear, blue-white light to help users find their way.
- Thermostatic heating element.
- AISI 304 stainless steel cabinet with bead-blasted surface.
- The cabinet has stainless steel bar handles. There is a lockable hatch on the rear of the cabinet for service/ installation.

The cabinet is supplied with a revolving base so it can be adjusted to face the user. A separate screen and PC in the terminal is used to minimise future service costs and for greater flexibility.

DV PRO options:

- Thermal printer to print weighing receipts
- Red/green LED signals
- GSM modem or wireless network connection
- Magnetic strip reader, slot reader with/ without motor control
- Barcode reader or RFID unit
- Intercom or telephone system
- 8 floating outputs and 7 inputs

The construction of the DV PRO terminal can be modified as necessary and can be installed anywhere, either on existing foundations or special, prefabricated DV PRO foundations.



# DV INTEGRA

The DV INTEGRA was developed for use outdoors in the Scandinavian climate, and features include a thermostatic heating element that maintains the right operating temperature inside the terminal.

The DV INTEGRA is designed for Danvægt's software solutions, and it can easily be adapted for existing systems provided they support external terminals.

The standard DV INTEGRA comes with the following equipment:

- Industrial PC with built-in Windows system
- 10.4" 1000 nit touchscreen, extra bright for outdoor use.

The terminal can also be used with:

- Card readers, e.g. barcode, magnetic strip or RFID.
- 80 mm thermal printer to print receipts directly at the terminal
- I/O connections to operate barriers and lights.



A weight display can be fitted to the rear of the DV INTEGRA terminal  
This allows users to check that the weight is correct and makes it easy to reset and calibrate the scale, e.g. for verification or servicing.

# DV UP

In the DV UP terminal, the weight display is used to control the weighing process.

There is also a printer to print out the weighing receipt after a vehicle has been weighed.

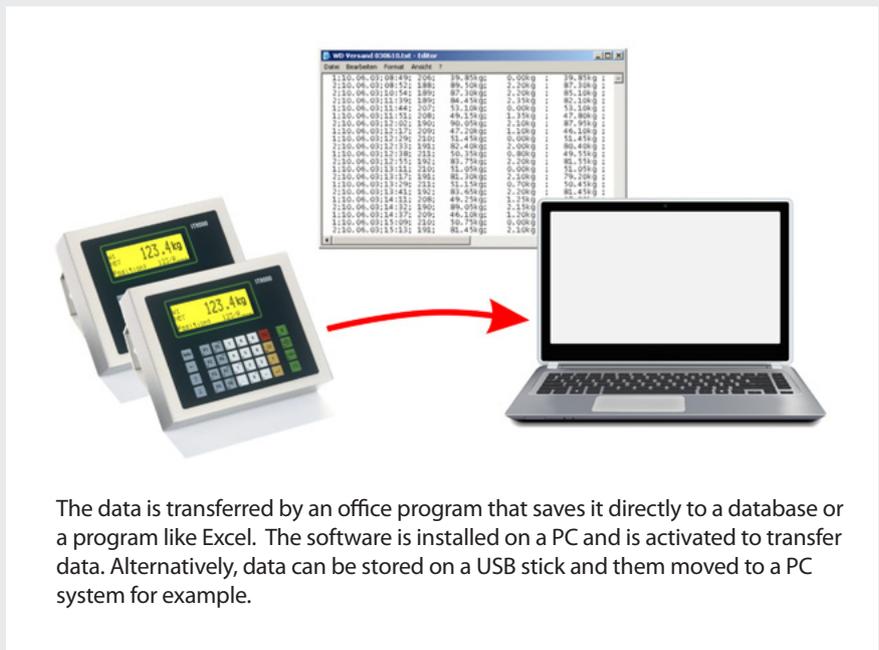
Three LEDs (red, yellow and green) are normally connected to indicate the weighing process, and a large numeric display is another option. That makes the weighing visible from far away.

The control cabinet is located close to the scale for ease of use, and within range of remote controls if they are used (up to 5-10 metres).



## Function flow

- The vehicle drives onto the scale, the light changes from GREEN to RED if there is more than 400 kg on the scale.
- After the scale has SETTLED, the light changes from RED to YELLOW.
- THE SCALE IS READY FOR WEIGHING
- Press the button on the remote control or the terminal. The YELLOW light starts flashing and the indicator stores the weighing.
- On the first weighing, the GREEN and YELLOW lights flash, and on the second weighing the YELLOW and RED lights flash.
- The lights then change to RED and you can drive off the scale.



The data is transferred by an office program that saves it directly to a database or a program like Excel. The software is installed on a PC and is activated to transfer data. Alternatively, data can be stored on a USB stick and then moved to a PC system for example.

# Plinths

## Plinths

Danvægt supplies plinths for all our terminals and peripherals such as cameras, traffic lights, displays, etc.

The plinth height depends on the local circumstances including the height of the foundation, the location of the weigh-bridge and the type of vehicles expected in the weighing station.

## Gooseneck

A gooseneck is a rotary joint on the terminal, allowing the control unit to be moved in relation to the plinth.

The gooseneck has no sharp angles, making it easy to install cables, and the cables cannot be damaged by bending.

## Foundation

Danvægt often supplies a foundation plate that can be cast in concrete. This ensures that the foundation is a perfect match for the terminal.

If there is already a foundation in place, we can adapt our plinths so there is no need to build a new one.



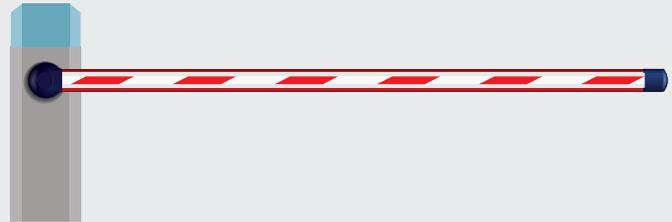
# Peripherals



## Traffic lights, intelligent signs and barriers

Traffic lights, intelligent signs and barriers control access to the weighing station and direct the traffic to and from the scales.

Danvægt works with respected suppliers to offer a wide range of traffic control solutions in the weighing station.



## Large numeric display

The weight is shown on a large numeric display, making the current scale load visible from 50 metres.

Danvægt uses different display technologies and sizes depending on the particular circumstances.



## Video solutions

Video solutions can monitor the weighings so the operator can quickly assist the driver and issue instructions if necessary.

The camera solutions can also be linked to surveillance software, documenting the traffic to and from the weighing station and complementing the local access control arrangements.

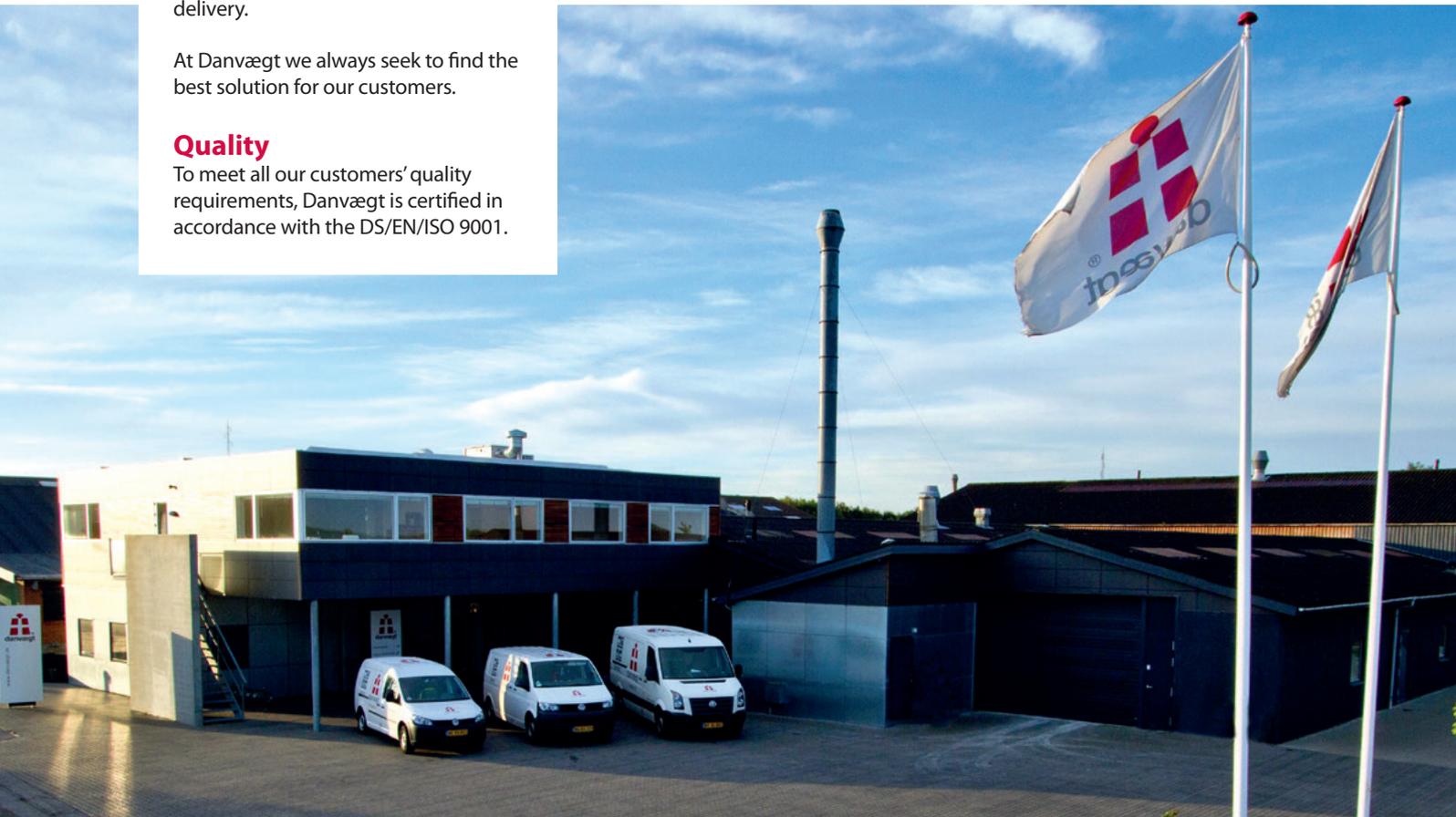
## The Danvægt goals

Danvægt is customer-orientated and we aim always to supply a future-proof product to our customers. At Danvægt we strive to meet our goals by delivering substantiated documentation and accurate product descriptions, and we do our utmost to ensure that every customer who trades with Danvægt receives excellent service and reliable delivery.

At Danvægt we always seek to find the best solution for our customers.

## Quality

To meet all our customers' quality requirements, Danvægt is certified in accordance with the DS/EN/ISO 9001.



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