

# "DFWKR": INDICATOR FOR VEHICLE WEIGHING



DFWKR: trasportable indicator, with printer and case.

**Multifunction digital weight indicator in Rack version complete with 4 connectors for linking the platforms, built-in rechargeable battery, battery charger, and case. CE-M approvable (OIML R-76 / EN 45501).**

## MAIN FEATURES

- Waterproof functional keyboard with 17 keys.
- LCD backlit display with 6 25-mm high contrast digits and with indication of active functions.
- Rack type metallic case.
- Calibration, set-up parameters, printouts, etc., all configurable from keyboard.
- Instrument management & configuration from PC with DINITOOLS.
- Up to 10.000e or multirange 3 x 3000e @ 0,3  $\mu$ V/d for CE-M approved legal for trade use.
- Up to 800,000 displayable divisions with internal resolution up to 3.000.000 points.
- A/D 24-bit 4-channel sigma-delta conversion, up to 200 conv./sec. autoselect and up to 8 signal linearization points.
- Fitted with 4 connectors for connection to 4 platforms (up to 8 optional).
- 1 fitted connector for connection to PC or radio modem.
- Connectable with up to 8 analogue load cells having 350 Ohm input resistance.
- Built-in rechargeable battery (10-hour minimum operating time, recharge in 8 hours) with fitted external 12 Vdc / 230 Vac adapter.
- Fitted with case for housing indicator and with space for other accessories.
- Dimensions: 325x460x170 mm; Total weight: about 5 kg.

## I/O SECTION

- RS232/C port configurable for connection with printer/labeller, or for attached printer.
- RS232/C (or optionally RS485 or USB) bi-directional port configurable for PC, PLC, remote display, and radio modem
- Quick RJ RS232 plug connection
- IR input for remote control

## OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Connectable with up to 5,6,7 o 8 platforms (ask for price estimate)
- USB interface
- RS485 interface
- WI-FI interface
- 2 inputs + 2 setpoints board
- Date & Time
- Analogue output with D/A 16 bit converter, 0-10V or from 0 to 20mA
- 4-key infrared ray remote control

## FUNCTIONS

- Zero cycle on all the connected platforms.
- Visualisation of the weight of each single platform, of the total weight or of any combination of the platforms.
- Visualisation of the weight of each axle (rms) and of the total weight.
- Simple vehicle weighing with printing of the weights of each single wheel and of the total weight.
- Totalisation of Tractor + Trailer, with printing of the subtotals and of the vehicle total.
- Static axle totalisation, with printing of the weight of each single axle and of the vehicle total.
- Simple input/output.
- Input/Output with axle totalisation.
- Grand total of the weighed vehicles.
- Calculation and printing of the barycentre.

### PRINTING FUNCTIONS

Configurable print layout with:

- 4 header lines.
- Weight of each single platform and sum of any their combination.
- Total vehicle weight.
- Grand total of weighed vehicles.
- Vehicle barycentre coordinates.
- Ticket number.
- Weighs number.
- Code 39 bar code.
- Date and time.

## Available Versions

Code	Description
DFWKR	DFWKR indicator Rack version including 4 connectors for link with the platforms, built-in rechargeable battery, case and

**Options only available at time of order**

Code	Description
OTPR	Thermal printer option with 50mm/sec speed, 203 dpi resolution, 24/40 columns, 58 mm paper width; 50 mm Roll diameter
OMMC	Memory Data Printer option (complete of MMC type card)
OTPVP	Thermal printer and memory data printer (for MMC type cards) option
OBRF	External 868 MHz radio frequency module <b>for weight indicator/repeater</b> , with ABS IP65 protecting box and 3m RS232 connecting cable; power supply from weight indicator/repeater. Max. functioning distance, <b>in appropriate environmental and installation conditions</b> : 70m indoors, 150m outdoors. 50 configurable channels. (OBRF must be combined with another radio module).
OBRFUSB	868 MHz radio frequency module <b>for PC</b> , with PVC box and 1m USB/mini USB connecting cable; power supply directly from the USB port. Max. functioning distance, <b>in appropriate environmental and installation conditions</b> : 70m indoors, 150m outdoors. 50 configurable channels. (OBRFUSB must be combined with another radio module).
DFCLK	Real Time Clock (Time/date)
DFIO	Module of 2 optoisolated digital inputs + 2 Photomosfet outputs usable as programmable weight threshold setpoints (not combinable with alibi memory ALMEM)
DFTL	Remote control for use up to 8m, configurable as a single tare key or four keys
WIFIT	WI-FI interface for wireless connection (through access point) to the company computer system.
USBMB	USB interface, as an alternative of the standard connector, for quick connection of the indicator to PC
USBCABMB	USB cable for connection between indicator and PC (to be used with USBMB)
DF485	RS485 bidirectional port
DAC160	Analogue output with D/A 16 bit converter, configurable from 0 to 10Vdc or from 0 to 20mA; Maximum applicable resistance on the output in current is equal to 350 Ohm; minimum applicable resistance on the output in voltage equal to 10KOhm
LCCB5C	Shielded 6-pole cable for connection to weight indicator, made up of a 50cm cable with AMP female connector and 7-pole male connector + extension of 5m with 7-pole female connector.
LCCB10C	Shielded 6-pole cable for connection to weight indicator, made up of a 50cm cable with AMP female connector and 7-pole male connector + extension of 10m with 7-pole female connector.
RSCBKRPC	RS232/C cable (1.5 m long) for connection to PC.

**Accessories**

Code	Description
UKPLUG	Power adapter from Schuko to BS1363.
TECMAN	Printed technical manual (free, if downloaded from the web) NET PRICE
UMAN	Printed user manual (free, if downloaded from the web) NET PRICE