

DFWX

DFWX: IP68 AND IP69K MULTIFUNCTION WEIGHT INDICATOR



High performance, compact and robust AISI 304 IP68 and IP69K stainless steel weight indicator with interactive backlit RGB display. The numerous connectivity options make it a versatile weight gauge suitable for advanced industrial applications.

**The best solution
for advanced industrial
applications**

TECHNICAL FEATURES

- AISI 304 stainless steel case
- IP68 and 69k protection rating
- 6-digit 25mm LCD display with RGB backlighting (7 selectable colors)
- Configurable light intensity
- 21-key numeric-functional keypad
- Swivel-tilt support bracket with mounting holes
- Compact size: 170 x 200 x 70 mm
- Configurable power-saving functions, to minimize power consumption
- Fully customisable weight string
- Customisable weight reading command
- Modbus ASCII/RTU

MEASUREMENT AND METROLOGICAL CHARACTERISTICS

- Connectable to up to 16 load cells with 350Ω output resistance.
- Single-range, multi-range or multi-interval approvable, Class III or IIII, up to 10,000e per range. Minimum signal 0.3μV/e.
- Calibration up to Max. 800,000 divisions, for internal factory use; Minimum signal 0.01μV/e.
- Internal resolution up to 3,000,000 points, ideal for high resolution applications and accurate part counting.
- Up to 8 points of signal linearization.
- Digital calibration and set-up from keyboard or PC with DINITOOLS.
- Functions for silo and tank calibration
- Weighing recording approved for data exchange with PC and Management, via Alibi Memory option or D-LEGAL PC software.

INPUT

For DFWX and DFWX-ETH models

- Internal power supply 110/230VAC
- 1m power cord and EU, UK, AUS, US plug depending on model (CH optional)

For Model DFWXB - DFWXB-WIFI

- Internal Lithium battery (duration of up to 100h depending on the model and mode of use)
- Internal power supply 230VAC\12VDC
- 1m power cord and EU, UK, AUS, US plug depending on model (CH optional)

METROLOGICAL CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)

COMMUNICATION PORTS – INPUTS\OUTPUTS

- RS232 on screw terminals for connection to PC/Dini Argeo printers
- RS232 on AMP connector, with CTS, for connection to Dini Argeo printer
- RS485 on screw terminals for connection to PC/PLC, with Modbus RTU or ASCII protocol
- Internal USB-C for connection to PC
- Ethernet TCP/IP port (models DFWX-ETH and DFWXB-WIFI). (Includes Modbus-TCP protocol)
- WiFi Port (Model DFWXB-WIFI)

Optional:

- RadioFrequency 2.4GHz
- Wireless Personal Area Network (WPAN)
- Analog output
- Expansion board with 2 IN and 6 OUT digital

Consult the technical manual for more technical information.

The communication ports are independent of each other and can all work together at the same time.

	DFWX	DFWX-ETH	DFWXB	DFWXB-WIFI
Alibi memory	Opt	✓	Opt	✓
RS232	✓	✓	✓	✓
RS232	✓	✓	✓	✓
RS485	✓	✓	✓	✓
Type-C USB	✓	✓	✓	✓
Radio RF 2,4GHz	Opt	Opt (Ext)	Opt	Opt (Ext)
WPAN Options	Opt	Opt (Ext)	Opt	Opt (Ext)
Ethernet TCP/IP	-	✓	-	✓
WiFi	-	-	-	✓
Analog output	Opt	Opt	-	-
Digital I\O	Opt	Opt	Opt	Opt
Radio Frequency Remote Control	Opt (Ext)	Opt (Ext)	Opt (Ext)	Opt (Ext)

✓ = *standard*

Opt = *optional, integrated*

Opt (Ext) = *Optional external box, occupies one RS232 serial port*

NEW MULTIFUNCTIONAL PROGRAM

DFWX's new weighing program revolutionizes the concept of multifunction, allowing multiple functions to be used simultaneously:

- Conversion of weight to lb, N or customized
- Counting pieces in loading or unloading
- Animal Weighing
- Piece-weight control in loading or unloading, with thresholds programmable from keypad or via communication protocol
- Piece-weight totalization
- Automatic Tare function

The combination of multiple modes of operation, combined with programming flexibility, make the DFWX the new benchmark for configurable weight indicators

AVAILABLE LANGUAGES IN PRINT

- IT, EN, FR, DE, ES, PT, PL, RO, EL*

* For Chinese and Greek, printer/labeler programming is required (CODEPG, only when ordering)

DETAIL 1



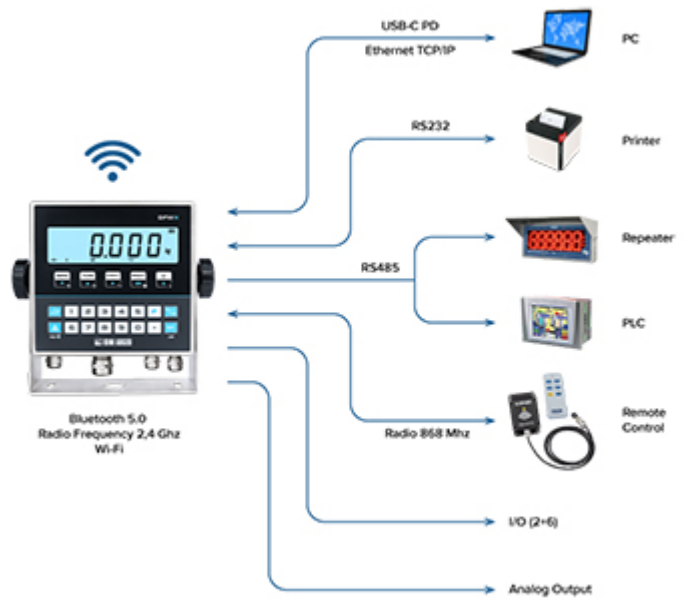
DETAIL 2



DETAIL 3



DETAIL 4



“YOUR WORLDWIDE PARTNER FOR WEIGHING,”

DINI ARGEO
FRANCE sarl
France

DINI ARGEO
GMBH
Germany

DINI ARGEO
UK Ltd
United Kingdom

DINI ARGEO WEIGHING
INSTRUMENTS Ltd
China

DINI ARGEO
OCEANIA
Australia



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