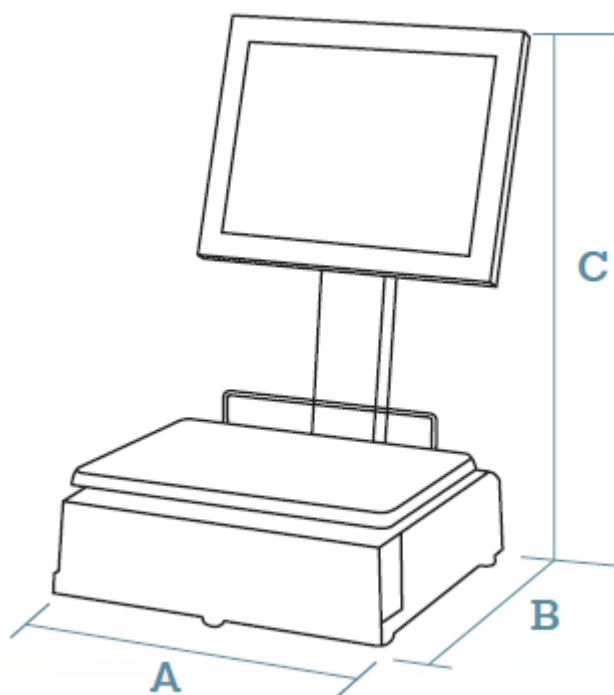# DIBAL

SELF-SERVICE SCALES CS-1100 SERIES

Self-service format PC scales, with 15" touch screen, label printer and PC connection. A complete solution for your business with all the functionalities of a PC and a very intuitive use.

INFORMATION

1 PRINTER LABELS   **TOUCH SCREEN**   **WINDOWS**   **128 GB** SSD   **UNLIMITED PLUs**   **UNLIMITED VENDORS**

ETHERNET TCP/IP   **USB**   **Wi-Fi** OPTIONAL   **M** METROLOGICAL VERIFICATION OPTIONAL (EU)

The Dibal CS-1100 Series of PC self-service scales are a complete solution for your business as they have a powerful PC architecture, are extremely intuitive (thanks to the touch screen and the Dibal sales and management software application's simple menus) and have a modern appearance. These retail scales can be connected to other Dibal scales or to a PC to send and receive data and updates.

Data in mm

A	380
B	385

C   610

Plate dimensions: L360 x W280 mm

MAIN CHARACTERISTICS

- **High performance retail PC based scale with double colour TFT.**
- **Models with label printer.**
- **Modern, compact and easy to clean design.**
- **Intuitive operation.**
- **Configurable and customizable screen.**
- **High speed and resolution printer.**
- **Compliance with EU Regulation 1169/2011 on the provision of food information to consumers.**

FEATURES

- **Integration with Windows IT applications and ERP systems.**
- **Available functions with SW-1100 software preinstalled:**
  - User screen design application. Each user may have access to his/her own sales templates, which may be associated with previously defined access permissions.
  - Wide range of templates for screen, articles database and food images (meat, fruits/vegetables, fish/shellfish, frozen food, drinks, etc.).
  - Modern, simple and intuitive operating screens that facilitate the use and improve the experience of the user.
  - Library of images and videos included in the scale for promotional support.
  - Unlimited article keys (in consecutive screens).
  - All the keys can include texts, icons, pictures, etc.
  - Possibility of automatic ordering of the keys by different criteria: code, name, most selled products, etc.
  - Configurable keyboard by PLUs, sections, users, QWERTY or ABC keyboard, etc.
  - Quick access to itmes, users and sections.
  - Quick change of the document to generate: delivery note or receipt.
  - Optional display of the label on the screen.
  - Printing of labels with Windows fonts.
  - Labels design.
  - Invoices and delivery notes design.
  - Pre-defined formats of labels and delivery notes.
  - Issue of invoices and delivery notes.
  - Billing invoices.
  - Closing cash.
  - Generation of lists and graphs for total sales or broken down (by article, user, period, etc.) with three output options: on screen, via scale printer or via an external printer.
  - Stocks, clients and providers management in the scale.
  - Deletion of negative stocks.

- ○ Traceability management.
- ○ Option to record normal price and offer price for each article.
- ○ Price lists associated to each store.
- ○ Stock and orders by article management.
- ○ Data migration.
- ○ Backup.
- ○ The SW-1100 application runs automatically at startup.
- ○ Automatic opto adjustment.
- **Also available with an open solution for the installation of any of the most popular POS terminal applications on the market.**

CAPACITY / ACCURACY

- **Multi-range (3,000 divisions): 6 kg / 2g - 15 kg / 5 g.**
- **Optional:**
  - ○ Mono-range (3,000 divisions): 15 kg / 5 g or 30 kg / 10 g.
  - ○ Multi-range (3,000 divisions): 15 kg / 5 g - 30 kg / 10 g.
  - ○ Mono-range (6,000 divisions): 12 kg / 2 g or 30 kg / 5 g.

FORMAT

- **Self-service.**

CONSTRUCTION

- **Highly resistant ABS plastic casing.**
- **Stainless steel plate.**
- **Access to all non-metrological components without the need to unseal the scale.**

DISPLAY

- **Configurable 15" resistive touch screen TFT (W304.13 x H228.1 mm).**
  - ○ Optional: 15" projected capacitive touch screen (TFT).

PRINTER

- **1 printer for labels.**
- **54 mm thermal printer.**
- **8 dots/mm resolution and 100 mm/sec speed.**
- **Cassette for immediate paper roll change.**
- **Optional:**
  - ○ Linerless.
  - ○ Extra external printer for invoices, lists, etc.

LABELS

- **From W30 x L30 mm to W60 x L190 mm.**
- **Unlimited programmable formats.**
- **Unlimited logos.**
- **Windows fonts.**

- **Bar codes: EAN-13, EAN-128, CODE-128 and QR.**
- **Unlimited information fields.**
- **Unlimited programmable texts.**
- **Unlimited headings per label.**
- **Manual and automatic pre-packing modes.**
- **3 levels of totals.**
- **Printing of "n" identical labels.**
- **Printing with 90º, 180º and 270º rotation.**
- **Packaging date, expiry date, freezing date and extra date (for any application).**
- **Alphanumeric batch number.**
- **Unlimited types of generic traceability (for meat, fish, fruits, vegetables, etc.) and unlimited products. Included in the prevailing European legislation on bovine traceability.**

FOOD INFORMATION

- **Compliance with EU Regulation 1169/2011 on the obligation to provide nutrition information to consumers as of 13 December 2016:**
    - Minimum letter size: 1.2 mm.
    - Windows fonts.
    - Effects: **bold**, underlined, or **any effect of a Windows font** for each character in the text.
    - Possibility of using the general text "G" (21 x 64,000) for ingredients to highlight allergens with those effects and fonts.
    - Programmable allergen table: automatically identifies allergens in the ingredient texts.
    - For receipts, possibility of indicating in the PLU "name 2" of those that contain allergens "Consult allergens" (or PLU* + "*Contains allergens").
    - Possibility of printing 2 labels for each operation: programmable by PLU, configurable information, 2nd automatic or manual label (can also be used as promotional labels).

CPU

- **Processor: Intel Celeron Brasswell.**
- **Memory: 4 GB.**
- **Hard disk: 128 GB SSD.**
    - Optional: 8 GB (can be modified without notice).

COMMUNICATIONS

- **4 USB (3.0).**
- **1 RS-232 (auto powered, for connection to bar code scanner).**
- **1 Ethernet.**
- **1 Display Port (additional display).**
- **1 audio (microphone).**
- **1 line-out (speakers).**
- **Optional:**

○ Wi-Fi.

SECURITY

- **Programmable access levels through user profiles.**

CONNECTIVITY WITH OTHER DEVICES

- **PC.**
- **Receipt of sales data from Dibal 500 Range and D-900 Series scales.**
- **Windows printers.**
- **Bar code scanner (built-in scanner optional).**
- **Cash drawer.**
- **Other peripherals: keyboard, mouse, etc.**
- **Point of sale secure cash payment system.**

SOFTWARE (SEE SECTION ON SOFTWARE)

- **SW-1100: touch application for sales and weighing management.**
- **Integration tools: in Windows or Linux to facilitate communication with the Back-Office.**

POWER SUPPLY

- **Mains: 110 up to 230 VDC.**

MODELS
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CS-1155 W SS 15

Ref.: 7EA50DELGE_ _
With Dibal Software

- **Front display:** 15″ touch screen TFT.
- **Back display:** (Without back display).
- **Printer:** Labels.
- **Operating system:** Windows 7 (embedded).
- **Sales software:** Dibal SW-1000.
- **Power:** Mains.
- **Capacity / Accuracy:** 6 kg / 2 g - 15 kg / 5 g.

CS-1155 W SS 15

Ref.: 7EA50DJLGE_ _
Open solution

- **Front display:** 15″ touch screen TFT.
- **Back display:** (Without back display).
- **Printer:** Labels.
- **Operating system:** Windows 7 (embedded).
- **Sales software:** Not included (open solution).
- **Power:** Mains.
- **Capacity / Accuracy:** 6 kg / 2 g - 15 kg / 5 g.

OPTIONS

OPTION	CHARACTERISTICS	REF.
Capacity 15 kg / 5 g - 30 kg / 10 g	Multirange (3,000 divisions).	...F_ _ (*)
Capacity 15 kg / 5 g	Monorange (3,000 divisions).	...N_ _ (*)
Capacity 30 kg / 10 g	Monorange (3,000 divisions).	...Y_ _ (*)
Capacity 12 kg / 2 g	Monorange (6,000 divisions).	...V_ _ (*)
Capacity 30 kg / 5 g	Monorange (6,000 divisions).	...P_ _ (*)
Linerless	Label on continuous adhesive paper without supporting paper.	Contact us
Wi-Fi	Wireless communications (IEEE 802.11n).	Contact us
Projected capacitive touch	15″ TFT touch screen for the seller´s screen.	Contact us
RAM upgrade to 8 GB	Memory upgrade from 4 GB to 8 GB.	Contact us
Built-in scanner in scale	1D and 2D barcodes.	Consult us
SW-1100 PC software (CD)	Touch application for sales and weighing management. (See section on software).	7340SW1100

OPTION	CHARACTERISTICS	REF.
Metrological verification (M)	According to EU weighing directives. (See section on equipment metrological verification).	Contact us
(*)	The scale references with this capacity are obtained by replacing the last characters of the reference for the standard scale with the indicated ending.	

ACCESSORIES

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SMALL ITALIAN PLATE

L357 x W235 x H55 mm.

LARGE ITALIAN PLATE

L407 x W284 x H60 mm.

BAR CODE SCANNER

Includes connection to the scale. (For built-in scanner, consult the options).

ADAPTER FOR RECEIPT PRINTING IN LABEL

PRINTERS

Required for standard size
receipt rolls.

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