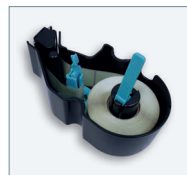
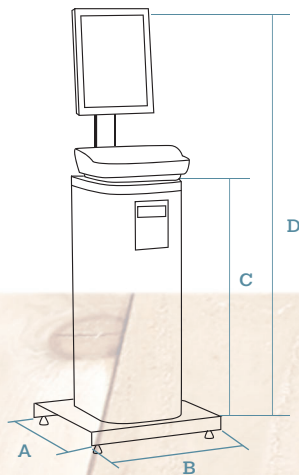


1 LABEL PRINTER 2"

Self-Service Totem format



Dimensions



Cassette included.

DATA IN mm

A	420
B	360
C	899
D	1,383

Plate dimensions:
L300 x W270 mm.

Weight with packaging: 39 kg.



	Vendor display	Buyer display	Printer	Operating system	Sales software	Power	Capacity / Accuracy	Reference
CS-2255 W TOTEM 15	15" projected capacitive TFT touch screen (vertical)	-	2" Labels (or Receipts)	Windows 10 (embedded)	CS 4.0 Open solution	Mains	6 kg / 2 g - 15 kg / 5 g	7IA5E4GHNE__ 7IB5E4GHNE__
PC-2255 W TOTEM 15	15" projected capacitive TFT touch screen (vertical)	-	2" Labels (or Receipts)	Windows 10 (embedded)	CS 4.0 Open solution	Mains	-	7IA5E4G0N0__ 7IB5E4G0N0__

M optional

PC SCALES

CS-2200 series





Characteristics and functionality

Main characteristics

- High performance retail PC based scale with double colour TFT (one in self-service format).
- Models with receipt printer, label printer (suitable for receipts, depending on the model) or with 2 printers (for receipts and labels).
- Printers of 2" or 3", depending on the format.
- Variety of formats.
- Modern, compact and easy to clean design.
- Intuitive operation.
- Configurable and customizable vendor screen.
- More dynamic and stylish buyer screen as an advertising tool.
- Compliance with EU Regulation 1169/2011 on the provision of food information to consumers.

Features

- Open to run third parties Windows IT applications and ERP systems.
- Available functions with CS 4.0 Windows software pre-installed:
 - > Scale configuration from the operating menu: quick 6-step master configuration, 2-step slave configuration and variable data upload.
 - > User screen design application (for assisted and self-service sales). Each user may have access to their own sales templates, which may be associated with previously defined access permissions.

- > Wide range of templates for sales screens, articles database and food images (meat/butcher, fruits/vegetables, fish/shellfish, frozen food, drinks, etc.).
- > Modern, simple and intuitive operating screens that facilitate the use and improve the experience of the seller.
- > Cross-selling: showing the picture of a complementary product on buyer display when selling a product.
- > 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, best sellers, etc.
- > Configurable keyboard by PLUs, sections, vendors, QWERTY or ABC keyboard, etc.
- > Quick access to register articles, sellers and sections.
- > Quick change of the document to be generated: delivery note, receipt or simplified invoice.
- > Optional display of the receipt or label on the screen.
- > Easy cancellation of receipt lines / easy reopening of receipt.
- > Easy cancellation of lines in receipts.
- > Printing of receipts and labels with Windows fonts.
- > Receipts and labels design.
- > Invoices and delivery notes design.
- > Pre-defined formats of labels, delivery notes and simplified invoices.
- > Document format associated with client.
- > Personalization of header and logos in simplified invoices.
- > Issue of invoices and delivery notes.

- > Billing of delivery notes.
- > Cash desk closing.
- > Generation of lists and graphs for total sales or broken down (by article, client, vendor, 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 or client.
- > Management of stock and article orders.
- > Data migration.
- > Backup.
- > The application runs automatically at start up.
- > Automatic opto adjustment.
- > Teamviewer.
- > Turnomatic in buyer display function.
- > Image of article and allergens on buyer display (under license).
- > Receipt on buyer display (under license).
- > Order management (under license).
- > Redsys, card payment (under license).
- > Cashdrawers (under license).
- > All_Connected system: For integrated turn management system with digital signage solutions, consult (on request).
- 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 / 2 g - 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.

Formats

- Flat.
- Double body.
- Self-service.
- Totem.
- Modular.
- Hanging.

Construction

- Highly resistant ABS plastic casing in counter formats.
- Stainless steel casing in hanging format.
- Steel casing with textured epoxy paint in flat, modular and totem format.
- Stainless steel plate, in all formats except totem (food grade polypropylene).
- Access to all non-metrological components without the need to unseal the scale.

Displays

- Vendor: fully configurable 15" projected capacitive or resistive touch screen TFT in double body, hanging, self-service and modular format (W304 x H228 mm); vertical installation (W228 x H304 mm) in totem format; 10.4" projected capacitive (W215 x H161 mm) or 12.1" resistive projected capacitive TFT (W250 x H188 mm) in flat format.
- Buyer: 7" (W191 x H122 mm) or 15" (W304 x H228 mm). Allows showing advertising or promotional images even during the selling operation (more than 250 images and videos in the scale).

Printer(s)

- Models available with 1 printer for receipts, 1 printer for labels (also suitable for receipts by changing the paper roll and the working mode) or with 2 printers (for receipts and labels).
- 2" thermal printer in flat, double body, hanging and self-service format.
- 3" thermal printer for receipts with autocutter in double body format.
- 3" thermal printer for labels flat format (not suitable for receipts).
- Resolution: 8 dots/mm; speed: 100 mm/sec.
- Cassette for immediate paper roll change in 2" label printers (not available in 3" printers).
- Linerless in label printers, in double body, hanging, self-service, modular and totem format.
- Optional:
 - > Extra external printer for invoices, lists, etc.

Receipts

- Paper width from W30 mm to W60 mm in 2", up to W80 in 3".
- Unlimited items.
- Unlimited programmable formats.
- Unlimited logos.
- Windows fonts.
- Barcodes: EAN-13, EAN-128, Code 128, IFT-14 and QR.
- Name of vendor.
- VAT break down.
- Unlimited payment modes.
- Discounts per line and total.
- Offers: 3x2, 2nd unit discount, price per segment, free product, etc.
- Loyalty points.
- Customers on account.
- Stamps.
- Unlimited receipts.





Labels

- Paper width from W30 to W60 mm in 2", up to W80 mm in 3".
- Unlimited programmable formats.
- Unlimited logos.
- Windows fonts.
- Barcodes: EAN-13, EAN-128, Code 128, IFT-14 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 90°, 180° and 270° 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 (to be used also as promotional labels).

CPU

- Processor: Intel Celeron.
- Memory: 4 GB.
- Hard disk: 128 GB SSD.
 - > Optional: RAM upgrade to 8 GB (can be modified without notice).

Communications

- 2 USB 3.0. (1 in 3" receipt printer models).
- 1 RS-232 (self powered for connection to barcode scanners).
- 2 Ethernet.
- 1 Display Port (additional screen).
- 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 CS, D-900, D-500 Series and 500 Range scales, and LP-5000, LP-500 and CL-3 Series labellers.
- Windows printers.
- Barcode scanner (built-in scanner optional in double body and hanging formats; for other formats, consult).
- Manual and automatic cash drawer.
- Queuing system (for hanging and double body formats).
- Other peripherals: keyboard, mouse, etc.
- Point of sale secure cash payment system.
- Connectable to a single load cell weighing platform, up to 400 x 400 mm max., and up to 30 kg. Consult compatible scales formats.

Software

(See section on software)

- CS 4.0 for Windows: touch application for sales, weighing management and labels and receipts design (DLD).
- Open solution: compatible with third party software.
- Integration tools: in Windows or Linux to facilitate communication with the Back-Office.

Power supply

- Mains: 110 up to 230 VAC.
- Mobile solution: Select the CS-2200 scale that best suits your needs and equip it with a portable battery and battery charger; an inverter is required to convert the DC voltage generated by the battery into AC voltage for the scale. (See accessories).

Energy consumption

- 29.6-90 W (depending on the conditions of use)..

Options



> Built-in scanner in scale

Option	Characteristics	Ref.
Capacity 15 kg / 5 g	Mono-range (3,000 divisions).	...N__ (*)
Capacity 30 kg / 10 g	Mono-range (3,000 divisions).	...Y__ (*)
Capacity 15 kg / 5 g - 30 kg / 10 g	Multi-range (3,000 divisions).	...F__ (*)
Capacity 12 kg / 2 g	Mono-range (6,000 divisions).	...V__ (*)
Capacity 30 kg / 5 g	Mono-range (6,000 divisions).	...P__ (*)
Wi-Fi	Wireless communications (IEEE 802.11n).	Consult
Built-in scanner in scale	In double body and hanging formats. For 1D and 2D barcodes. (It uses 1 USB port).	Consult
RAM upgrade to 8 GB	Memory upgrade from 4 GB to 8 GB.	Consult
CS 4.0 Software for Windows BASIC LICENSE	Touch-screen application for configuration, commercial management and design of labels and tickets (DLD). Includes: - Enhancements for scale configuration from operational: 6-step master quick configuration, 2-step slave configuration, and variable data registration. - New configurable vendor templates. - Listings from operative. - Automatic security copy (backup). - Transfer files. - Teamviewer. - VAT in direct price. (See section on software).	73600091
CS 4.0 Software for Windows ADVANCED LICENSE	Touch-screen application for configuration, commercial management and design of labels and tickets (DLD). Includes: - Basic license functionalities. - Image of article and allergens on buyer display. - Receipt on buyer display. - Order management. (See section on software).	73600081
CS 4.0 Software for Windows SPECIAL LICENSE	Touch-screen application for configuration, commercial management and design of labels and tickets (DLD). Includes: - Basic license functionalities. - Redsys, card payment. - Cashdrawers. (See section on software).	73600071
CS 4.0 Software for Windows PREMIUM LICENSE	Touch-screen application for configuration, commercial management and design of labels and tickets (DLD). Includes: - Basic license functionalities. - Advanced license functionalities. - Special license functionalities. (See section on software).	73600061
Metrological verification (M)	According to EU weighing directives. (See section on equipment metrological verification).	Consult

(*) 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



Ref: BCR73

Small Italian plate

L357 x W235 x H55 mm.



Ref: BCR74

Large Italian plate

L407 x W284 x H60 mm.



Ref: BU-C1229

Flat plate for hanging scalesInstead of the semi deep plate.
L360 x W280 mm.

Ref: BC-C039

Deep plate for hanging scalesInstead of the semi deep plate.
Ø310 x H70 mm.

Ref: 49-M27

Manual cash drawer

L410 x W415 x H99 mm.



Ref: 49-S34

Automatic cash drawer

L410 x W415 x H99 mm.



Ref: BL-P4642

Adapter for receipt printing in 2" label printer

Required for standard size receipt rolls.



Ref: 497540A

Adapter for printing narrow labels

Ref: BCH18

Barcode scanner

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



Ref: 496140NA

Base

Cabinet for self-service format.



Consult

Linerless label box (30 rolls)Roll width: 58 mm.
Roll length: 65 m.
Core inner diameter: 40 mm.
Outside diameter of the roll: 97 mm.

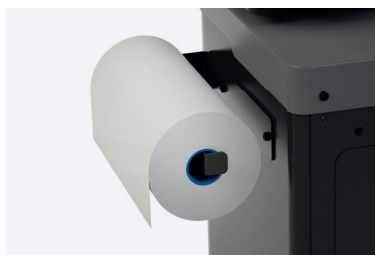
Consult

Linerless label pallet (60 boxes)Roll width: 58 mm.
Roll length: 65 m.
Core inner diameter: 40 mm
Outside diameter of the roll: 97 mm.



Ref: BL-C3130

Glove dispenser in CS Totem



Ref: BL-C3129

Bag roll holder in CS Totem



Ref: BL-C3128

Bin in CS Totem



Ref: BL-C3121N

UPS support in CS Totem

UPS not included.



Ref: 49JW010UE

Vendor cable in CS Modular

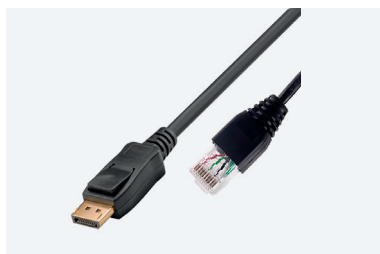
Lenght: 1 m. Channelable for passage through showcases.



Ref: 49JW030UE

Vendor cable in CS Modular

Lenght: 3 m. Channelable for passage through showcases.



Ref: 49JW050UE

Vendor cable in CS Modular

Lenght: 5 m. Channelable for passage through showcases.



Ref: 49JW001UE

Buyer cable in CS Modular

Lenght: 1 m. Channelable for passage through showcases.



Ref: 49JW003UE

Buyer cable in CS Modular

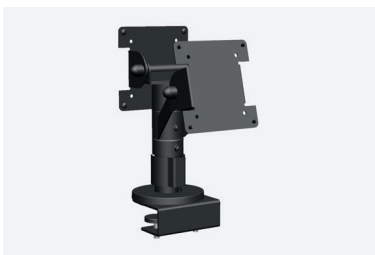
Lenght: 3 m. Channelable for passage through showcases.



Ref: 49JW005UE

Buyer cable in CS Modular

Lenght: 5 m. Channelable for passage through showcases.



Ref: 49JT001UE

VESA System CS Modular

2 displays without printer 150 mm.



Ref: 49JT003UE

VESA System CS Modular

2 displays without printer 350 mm.



Ref: 49JT0I3UE

VESA System CS Modular

2 displays with printer 350 mm.



Ref: 49JT005UE

VESA System CS Modular

2 displays without printer 500 mm.



Ref: 49JT0I5UE

VESA System CS Modular

2 displays with printer 500 mm.



Ref: B11768

Portable battery 12 v 50 Ah

Up to 17 hours autonomy: 1,005 receipts, 1 receipt per minute.



Ref: B11769

Battery charger

Automatic charging protects your battery from overcharging: You can leave the charger connected to the battery indefinitely.



Ref: B11779

Inverter pure wave from 12 v to 220 v

Can be used with the cigarette lighter socket of a car or truck.

Note:

- The references correspond to standard models: Dark gray ABS plastic or stainless steel casing (depending on the format), 10.4" or 15" touch screen TFT in vendor side and 15" or 7" TFT display in buyer side (depending on format), stainless steel flat plate in counter scales (semi deep stainless steel plate in hanging scales or polypropylene in totem scales), cash drawer connector, queueing system connector in hanging scale and TCP/IP Ethernet communications. Capacity/Accuracy: 6 kg / 2 g - 15 kg / 5 g.

Artificial Vision solution for CS-2200 Series PC scales

—
**Self-service
format
(table-top)***



This self-service* PC scale solution helps, by means of a camera and an artificial vision system, to recognise the product placed on the plate, contributing significantly to the reduction of shrinkage of fruit and vegetables, and improving the customer experience in the supermarket.

The solution consists of:

- CS-2200 Series self-service* PC scale with artificial vision kit.
- gFresh system to support the identification of the product placed on the scale: when a product is placed on the plate, the system suggests 1 or several candidates depending on the certainty of detection, with a maximum of 8 candidates displayed. If the system does not detect any relevant product, it will display the conventional self-service screen.

Requirements for the correct functioning of the solution



- 1) Availability of information on the catalogue of products to be detected prior to start the implementation.
- 2) Adequate and constant lighting in the area where the gFresh scales are located.
- 3) Use of CS-2200 series self-service PC scales equipped with the artificial vision kit.
- 4) Ensuring internet connection windows on the scales for learning, monitoring and updating of the system (minimum bandwidth required: 10 Mb/s). Although internet connection via wifi is possible, Dibal always recommends a wired connection.
- 5) Use of transparent or translucent bags without printing for the products to be weighed.

Options for the Artificial Vision solution in CS-2200

- a) **Generic mode (recommended):** standard model that includes the most common fruits and vegetables. It is quicker to set up.
- b) **Ad-hoc mode:** specific development for the client, with training of the system from scratch with their particular products; requires a longer implementation time.

Model	Description	Ref.
CS-2200 Series table-top self-service PC scale for artificial vision	Scale equipped with the artificial vision kit.	...8... (*)

Option	Description	Ref.
Wi-Fi	Wi-Fi for the artificial vision kit.	Consult

(*) The references of PC scales with artificial vision are obtained by replacing the character of the sixth position of the reference of the standard self-service scale by the digit indicated.

Phases and licences

The artificial vision solution also requires the following phases and annual licences:

Phase 1: Pilot

Installation and configuration of the scales with the kit + image capture and labelling + initial training + initial validation + activation + optimisation of the model + pilot finalisation.

Option	Requisitos	Ref.
Generic model	Minimum of 2 stores and 6 scales.	Consult
Ad-hoc model	Minimum of 4 stores and 12 scales.	Consult

Phase 2: Deployment and continuous improvement

Training of new products + improvement of the results obtained + implementation of new functionalities.

Option	Annual licences (SaaS)	Ref.
Generic model	Minimum of 50.	Consult
Ad-hoc model	Minimum of 200.	Consult
Generic and Ad-hoc models	Extra licence per each additional scale.	Consult