GIROPES)
WEIGHING SOLUTIONS

RFID SYSTEM

Production Firmware
Manage and control all your heavy tasks

RFID RFID RFID RFID

Gs
PRO

GIROPES)

GI400i PROD RFID
& GI410i PROD RFID

Giropes has developed firmware to control RFID readers ideal for recording weights and for controlling operations carried out.

*See supported protocols in the technical sheet

RFID SYSTEM*

Ideal for recording weights in production lines.

Quick identification and activation per operator or product:

- » With card swipe
- » With card present
- » Locking system option in the non-identifying indicator

Two working systems

Two working systems available: with autonomous operator or with line or production manager.

» The operator will identify the product or himself (data is downloaded to the indicator).

» The line manager will identify the product or the operator (he/she can work without downloading the data to the indicator).
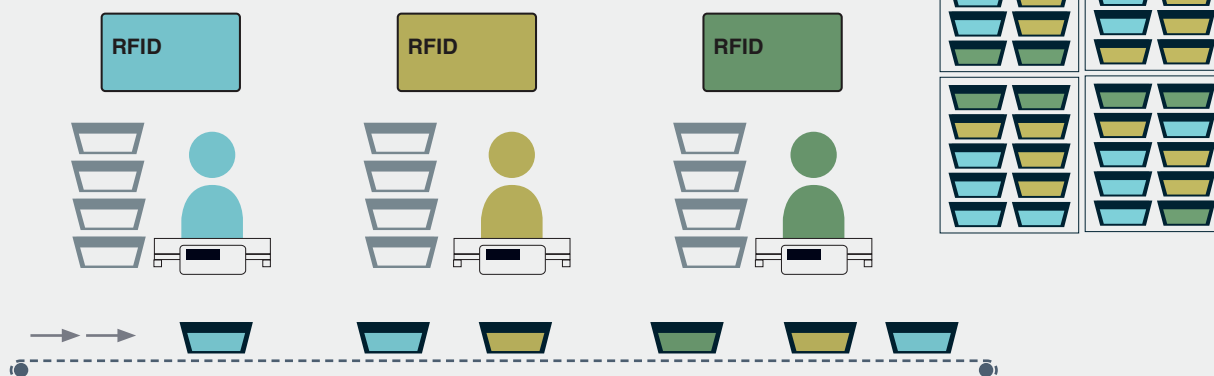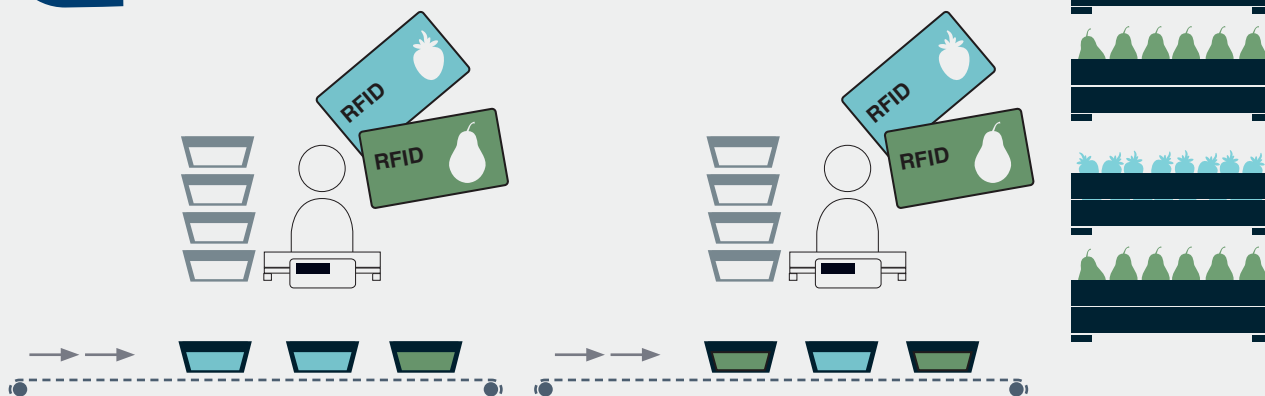
2 working systems

OPERATOR IDENTIFICATION

Operator registration on production lines

RFID   RFID   RFID

PRODUCT IDENTIFICATION

Product registration on production lines

RFID   RFID   RFID   RFID

Who stores the data?

WITH DATA

» Option to operate without a network
» Needs data synchronisation with the Giscale
» The downloadable data is limited (2 types of PLUs)
» Amount of data limited

NO DATA

» Option to operate without network, but the data associated with the weighing (recognised during normal operation by GISCALE) will be lost on restarts
» No synchronisation required (faster system)
» No limit on data or PLUs

GI400i PROD LCD RFID

Also with numeric indicator option

EXTERNAL RFID READER

Giropes has developed firmware to control RFID readers ideal for recording weights and for controlling operations carried out.

Along with the software, GISCALE allows greater control of the weighing system and makes it easier to use.

EXTERNAL RFID READER

ABS IP67

Internal registration of up to 1,000 weights.

10 RFID card included.

See supported protocols in the technical sheet

GENERAL FEATURES

» GI400 Weight-Tara Indicator.
» GI410 Numeric indicator option.
» Operating temperature: -10ºC to 40ºC.
» IP65 protection
» Stainless steel housing.
» Reclining wall support (optional).
» Units: kg.
» Display:
  » LCD with 6 digits of 40mm.
  » Backlight function: On/off/auto.
  » Screen colour indication with checkweigher function.

COMMON SPECIFICATIONS

Main functions

» **Piece counting**
» **Totalisation**
» **Checkweigher**
» **Negative checkweigher**

» With the 4 most used protocols on the market.
» GICoNF protocol (for configuration with the software).
» RFID and EAN protocols.
» 8 format of predefined tickets and 1 customizable (associated software).
» Printing configurable menu: number of copies, cutter on/off, line feed.
» Watchdog system to reset automatically if the indicator gets blocked.

Communications

» RS232
» Ethernet*
» Wifi optional
» Alibi memory optional
» RS485 optional

* Standard Ethernet in GI400 PROD RFID version, optional for GI410i RFID.
** Choosing any optional will override one of the serial ports.

GI410i LCD RFID

INTEGRATED RFID READER

The GI410i RFID indicator is specially designed for managing and controlling the registration of weights per product or operator.

Complementing the indicator with the GISCALE software allows greater control of the weighing system and facilitates its use.

INTEGRATED RFID READER

Internal registration of up to 1,000 weights.

10 RFID card included.

*See supported protocols in the technical sheet

GENERAL FEATURES

- » Operating temperature: -10ºC to 40ºC.
- » IP54 protection
- » Stainless steel housing.
- » Reclining wall support (optional).
- » Telephone keypad.
- » Units: kg.
- » Display:
    - » LCD with 6 digits of 40mm.
    - » Backlight function: On/off/auto.
    - » Screen colour indication with checkweigher function.

Metrological Specifications

- » III & IIII Classes.
- » Max. number of verification steps 6000.
- » Monorange, multirange or multiinterval (n ≤ 3000, per partial range of weighing).

Excitation

- » Power supply: 110-230V AC, 50/60 Hz.
- » Minimum entrance tension for step of verification: 1μV.
- » Tension of dupply of the load cell: 5 VDC.
- » Maximum tension of range of measure: 20 mV.
- » Minimum tension of range of measure: 0,01 mV.
- » Minimum load cell impedance: 25 Ω.
- » Maximum load cell impedance: 1100 Ω.
- » Load cell cable of 4 or 6 threads.
- » 2 RS232 output included.

Gs PRO

» Quick and intuitive interface.
» Simple installation.

GISCALE

Management of production lines by:

PRODUCT - OPERATOR - SCALE

Thanks to a fast and intuitive interface, the user will find it easy to use the Giropes program.

CONNECTION AND LICENSES
Connection to indicators via TCP/IP (Ethernet) and RS232 (Serial Port)
License ONE and PRO are managed via USB key or online via serial number.

CONFIGURABLE TICKET	ETHERNET CONNECTION	RS232 CONNECTION	MULTI LANGUAGE	QUICK AND INTUITIVE INTERFACE	CONNECTION WITH INDICATORS GI400 SERIES

(Up to 255 devices)

Gs ONE
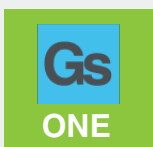
GISCALE ONE
PC SOFTWARE for Management and control of 1 indicator

* Consult for limited specifications of the GISCALE ONE

RFID SYSTEM

IDEAL FOR RECORDING WEIGHTS IN PRODUCTION LINES

MAIN FEATURES

- » Multi-license (allows it to be managed from multiple computers)
- » Available languages: ES, CA, EN, FR
- » Support for SQL Server databases.
- » It enables multiple working seasons connected to the same data base.
- » It enables to register, manage and set up multiple indicators simultaneously.

FUNCTIONS AND APPLICATIONS

- » Start up:
    - » Automatic detection of displays on the network.
    - » Reconfiguration of indicator network
    - » Duplication of display configuration
- » Register of weighing with product detail.
- » Edition of products, packaging and operators.
- » Editing of weighing information (product, operator, etc.)
- » Connection to multiple indicators.
- » Printing of weighing tickets.
- » Consultation of historical records.
- » Exporting reports (PDF, XLS, CSV).
- » Register of fields like: Customer, Product and Lot number
- » Perform weighs with the different modes of the GI400 (control of weigh, production counter…)
- » Configuration of the different weighing modes (checkweigher, negative checkweigher, etc.)
- » Weigh in mode semi-unattended with the transmission modes (every X time, stable, manual: press PRINT from the indicator, zero crossing and zero crossing when unloading).
- » Consult and graphic analysis in real time. (module Giscale Statistics):
    - » Real Time
    - » Histogram.
    - » Management of graphic.
- » Personalization of tickets and report
- » Without user name authentication.
- » Monitoring and management of lines of production.
- » Configuration of the indicators' PLUs.
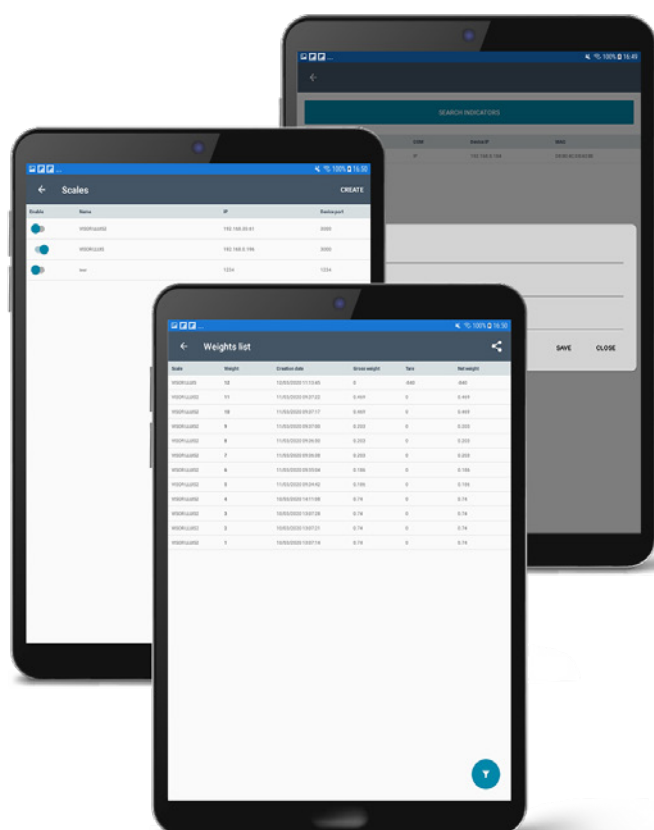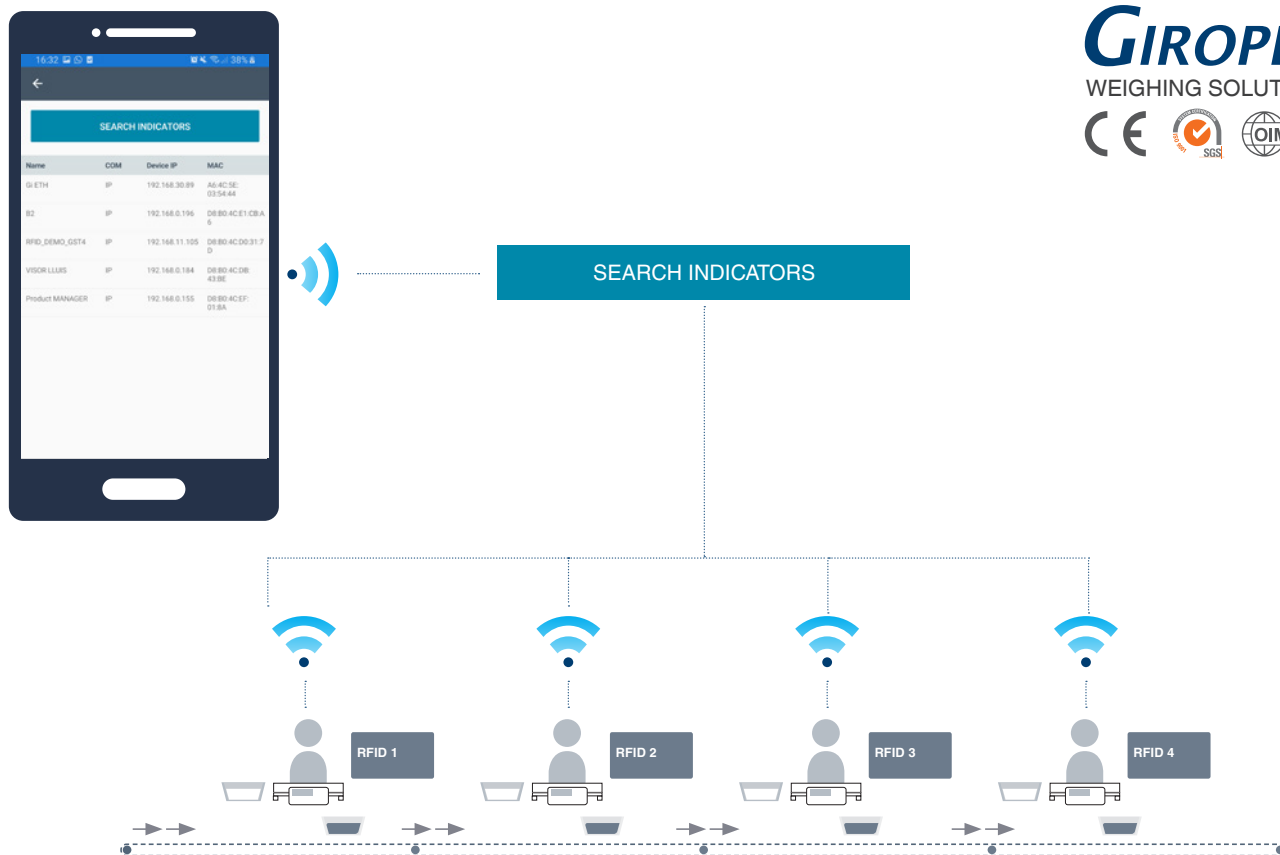
See required indicator version

GIAPP

Perfect for the control and view of the GI4XX indicators series

Thanks to a fast and intuitive interface, the user will find it easy to use the Giropes program.

ANDROID APP ON
Google play

GIROPES
WEIGHING SOLUTIONS

SEARCH INDICATORS

RFID 1

RFID 2

RFID 3

RFID 4

FEATURES

» Configure the connection of multiple indicators

» Allows communication with a single indicator (wifi required) simultaneously for:

   » Checking the status of the indicator (weight, stability, checkweigher, etc.)

   » Tare (manual or automatic)

   » Zeroing

   » Recovering weights and exporting them

FUNCTIONS AND APPLICATIONS

» Configure the connection of multiple indicators

» Connection to a single indicator simultaneously.

» Detecting, linking and connecting GI400 displays.

» Display the status of the connected display.

» Configure different display functions: tare, zero, etc.

» Download the weights from the connected indicator.

» Display list of downloaded weights.

» Filter the list of weights.

» Share the weights as a CSV file.

* See required indicator version

GI400 PROD
RFID INDICATOR

RFID INDICATORS SERIE

#Code	Description
210318-01	GI410i PROD LCD numeric indicator with RFID protocols
210320-01	GI400i PROD LCD indicator with RFID protocols
220250	RFID External reader IP67 ABS
210295	GI410i RFID numeric indicator
210295-01	GI410i RFID numeric indicator + Ethernet

STANDARD COMMUNICATIONS

Description
RS232
Ethernet (210318-01, 210320-01 and 210295-01)

OPTIONALS

#Code	Description
#21	Wifi
#08	Alibi memory
#02	RS485

ACCESSORIES

#Code	Description
220029	Wall support
580552	Ethernet cable 1 m
580028	Ethernet cable 2 m
270401	RS232 cable to computer 1,5 m (9F-9F / D)
-	RS232 cable to printer 1,5 m
910034	Printer ORIENT BTP-M300 / IMP 27
910035	Printer POS76 / IMP 28
210185	Weighing repeater with 6 digits of 45 mm
210256	Weighing repeater with 6 digits of 100 mm

POWER SUPPLY

#Code	Description
220243	BS1363 (UK) for GI400i PROD RFID
220244	SEV1011 (CH) for GI400i PROD RFID
220245	Tyoe B (USA) for GI400i PROD RFID
220247	BS1363 (UK) for GI410i RFID
220248	SEV1011 (CH) for GI410i RFID
220249	Tyoe B (USA) for GI410i RFID

SOFTWARE & APP

Gs

GISCALE

PC SOFTWARE

#Code	Description
280230	GISCALE ONE
280273	GISCALE PRO

G)

GIAPP

FREE ANDROID APP

#Code	Description
-	GIAPP
	*download on Google Play

GIROPES WEIGHING SOLUTIONS