GI650 ABS SERIE
INDICATOR
TOUCH SCREEN

QUALITY & TECHNOLOGY
DEVELOPMENT
Innovation and optimisation
come together
in a multifunctional
touch-screen device

Wall support
(optional)

ANALOGICAL AND DIGITALS
LOAD CELLS OPTIONS

GI650 ABS T8 SERIE
TOUCH SCREEN

QUALITY & TECHNOLOGY
CROSS-SECTIONAL DESIGN

Giropes has developed a compact indicator with a touch screen and multiple functions for all types of distribution, food, chemical and logistics industries.
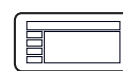
TOUCH

TOUCH SCREEN

MULTI LANGUAGE

CONFIGURABLE TICKET

PROGRAMMABLE INDICATORS

8-INCH SCREEN

High-speed response for interacting with any material.
The resistive screen means it can be used with gloves or other objects (e.g. pens), while achieving the same accuracy as your finger.
But the technology is designed to prevent buttons being pressed accidentally.
Its design means it can be adapted to all environments, providing resistance to potential impacts.

USABILITY AND COLOR CONTRAST

Our team of engineers and designers devised the different screens with the aim of providing the operator with an optimum experience so they can easily configure it to suit their work requirements.

In terms of clarity and colour contrast in the checkweigher mode, the indicator provides a highly visible checkweigher function with bright colours to highlight the target weight information.

COMMON FEATURES
ANALOGICAL & DIGITAL LOAD CELLS

GENERAL FEATURES

8" touch screen

Desktop version
    Reclining wall support (optional)

ABS housing

IP54 / IP65 protection

Dimensions: 242(w) x 226(p) x 126(h)

Packaging dimensions 418 (w) x 300(d) x 146 (h)

Weight of packaging: 4,4 kg

Languages: English, French, Portuguese, Italian, Spanish and German

Digital keyboard: QWERTY, AZERTY, QWERTZ

Power supply: 100-240 V AC 50/60Hz
(designed so the customer can adapt it to 12V DC)

Battery option (UPS type for power failures)

Operating temperature: -10ºC to 40ºC.

COMMUNICATIONS

RS232 x 2

Ethernet

USB - for uploading/downloading data (FAT32) or keyboard (optional device)

Optional Wifi*

Optional Alibi Memory

Optional RS485

Optional WiFi disables Ethernet.

GI650 ABS
For analogical load cells

TECHNICAL SPECIFICATIONS

ADC sigma-delta converter

Certified up to 10,000 e in single range and 2 x 10,000 e in multi range and multi interval

Class III and IIII

Minimum impedance 29 ohm

Maximum impedance 1200 ohm

AVAILABLE FIRMWARE

Totaliser - Logistics (standard)

Truck weighing (optional on request)

GI650D ABS
For digital load cells

TECHNICAL SPECIFICATIONS

Certified up to 10,000 e in single range and 2 x 10,000 e in multi range and multi interval.

Class III and IIII

Distance between indicator and weighbridge of up to 1200m

Connection to up to a max. 32 of digital load cell

AVAILABLE FIRMWARE

Truck weighing

DIGITAL
SYSTEM

GI650 T8
TOTALISER
LOGISTICS SYSTEM

The importance of traceability with firmware dedicated to control and registration at different levels.

» **BATCH MANAGEMENT**

Different batch functions (product - box - pallet)

» **CODE MANAGEMENT IN DATABASE**

Management of archive codes, a dossier of 2000 codes can be managed. This archive is used for managing 4 different types of codes in a spreadsheet (e.g. customer, material, source and destination). You can enter a specific name for each type.

» **MANAGEMENT OF FREE CODES**

Management of 4 free codes of up to 6 text characters that will not be stored in the database. You can enter a specific name for each type.

» **MANAGEMENT OF WEIGHTS**

From 5.400 to 9.200 weights can be stored*.

» **MANAGEMENT OF SAVED TARES**

» **MANAGEMENT OF PRODUCTS AND TARES**

» **MANAGEMENT OF CUSTOMERS AND SUPPLIER LISTS**

» **LABEL CONFIGURATION**

The firmware allows you to choose between three types of preconfigured tickets. Configure tickets from the device itself (header menu with configuration of header and foot).

*The storage capacity may change depending on the memory usage of the indicator.

BATCHES
LOGISTICS SYSTEM

Product traceability must be properly managed and recorded. This may be a legal obligation in some cases, such as with food or pharmaceutical products, but proper records and traceability, from the unit product and the boxes or packaging, to the batch and then the truck, is essential for control and distribution processes.

Example of batch ticket by checkweigher ok

CONFIGURATION WEIGH SYSTEM

WEIGHT PRODUCT

TOTALISATION

LOT & TOTALISATION

PALLET

LOGISTIC

CHECKWEIGHER MODE

Clearly visible digits and colours on the 8" display screen.
Option to programme products with pre-programmed limits or to work in checkweigher mode at a general level, without being linked to a product.

TRUCK WEIGHING

NEW TECHNOLOGY
FOR A ROBUST PROGRAM

The Gi650 series allows you to easily navigate the truck firmware with a tactile interface and technology designed to adjust to the new times.

INTRODUCTION OF MANUAL TARE WEIGHING WITH MEMORIZED TARE

MANAGEMENT OF MEMORIZED TARES BY PLATE

MANAGEMENT OF LORRIES IN TRANSIT
It is possible to manage as many vehicles in traffic as weighing memory are available.

PROGRAMMING
Date and time
Indicator and printing language

IP65

TRUCK WEIGHING SYSTEM

» **WEIGHING OPTION**
  » *First manual weighing.*
  » *Second manual weighing.*
  » *Weighing with manual tare.*
  » *Unique weight with saved tare by plate.*

» **MANAGEMENT OF VEHICLES IN TRANSIT**
You can manage both trucks in transit and weights saved in the memory.

» **CONFIGURABLE PRINTING LIST AND TICKETS**
Allows you to configure the tickets quickly, easily and intuitively. Through the graphic visual interface, you can select the desired fields and determine the configuration to be stored in the device for each type of ticket.

» **LABEL CONFIGURATION**
The firmware allows you to choose between three types of preconfigured tickets.
Configure tickets from the device itself (header menu with configuration of header and foot).

» **CODE MANAGEMENT IN DATABASE**
Management of archive codes, a dossier of 2000 codes can be managed. This archive is used for managing 4 different types of codes in a spreadsheet (e.g. customer, material, source and destination). You can enter a specific name for each type.

» **MANAGEMENT OF FREE CODES**
Management of 4 free codes of up to 6 text characters that will not be stored in the database. You can enter a specific name for each type.

» **MANAGEMENT OF WEIGHTS**
From 5.400 to 9.200 weights can be stored*.

» **PRINTING PRE-PRINTED TICKETS**
It allows the printing of tickets saved in the database.

» **MANAGEMENT OF SAVED TARES BY PLATE.**

» **TARE**
Entering tares manually. Weighing with saved tares.

All metrological configuration functions can be protected by a password.

*The storage capacity may change depending on the memory usage of the indicator.

WEIGHING OPTIONS

1 FIRST WEIGHING
FIRST MANUAL WEIGHING

2 SECOND WEIGHING
SECOND MANUAL WEIGHING

WEIGHING WITH TARE
WEIGHING WITH MANUAL TARE

1 UNIQUE WEIGHT WITH SAVED TARE BY PLATE

GIROPES
WEIGHING SOLUTIONS

Touch indicator for digital load cells

DIGITAL SYSTEM

Connect up to 32 digital load cells

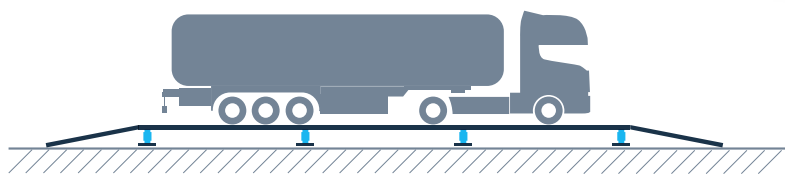Touchscreen indicator for weighing on weighbridges with digital load cells.

IP54

Digital system functions

✓ **Individual diagnoses** the status of each of the digital cells.

✓ **Indicates incidents and errors** for the group of cells, or for each one of the digital cells.

✓ **Distinction and definitive identification** by the unique serial number of each of the installed cells.

✓ **Control the internal calculations** of each of the cells in real time.

✓ **Control errors quickly,** whether due to malfunction or a wiring failure.

✓ **Replace or change a cell** without the need for on-site calibration.

JUNCTION BOX

TO DIGITAL INDICATOR

- RED (VCC)
- BLACK (GND)
- SHIELD
- GREEN (RXD+)
- BLUE (RXD-)
- WHITE (TXD-)
- YELLOW (TXD+)

TO DIGITAL LOAD CELL

- RED (VCC)
- BLACK (GND)
- SHIELD
- GREEN (RXD+)
- BLUE (RXD-)
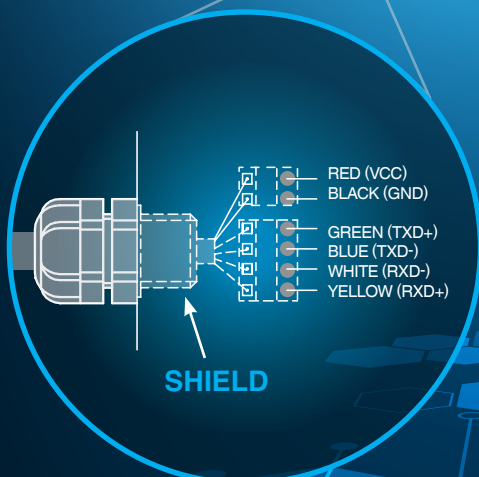- WHITE (TXD-)
- YELLOW (TXD+)

DIGITAL LOAD CELL

DIGITAL LOAD CELL CABLE

2 x 1 mm² ALIMENTATION
4 x 0.22 mm² DIGITAL SIGNALS

INDICATOR
GI650D

- RED (VCC)
- BLACK (GND)
- GREEN (TXD+)
- BLUE (TXD-)
- WHITE (RXD-)
- YELLOW (RXD+)

SHIELD

GIROPES
WEIGHING SOLUTIONS

Wall support
(optional)

GI650D
Downloading
data
EXPORT / IMPORT

Simple but optimised system for uploading and downloading data, which allows data to be downloaded as a CSV file and used in Excel.

You can modify and create data (e.g. products, tasks, descriptions, customers, suppliers, etc.) in line with the structure.

GIMANAGER
PC software for GI6XX indicators

The GIManager software of the Giropes Solutions division is dedicated to the configuration and display for the GI6xx indicator series.

FOLDERS SYSTEM
for exported configurations and firmware backups

# GIMANAGER

Functions

» Search for indicators connected to a network or serial port
» Download firmware updates
» Management of basic configuration and firmware backups
» Configuration of indicator parameters (general, metrological and communication)

Configuration

» GI650D Device Configuration:
  » Metrological parameters
  » AD parameters
  » Calibration parameters
  » Communication setup
  » Regional parameters

» Folders system:
  » For exported configurations and firmware backups

» Software actualization:
  » GIManager automatically detects updates and asks user to install them
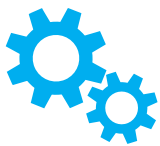
Requirements
» OS Win 8 or later
» Processor: 1GHz
» RAM memory: 2GB
» Disk space: 10GB

REAL-TIME DISPLAY
of weight of the scale

GI650 ABS T8 SERIES
TOUCH INDICATOR

INDICATOR GI650 ABS T8

#Code	Protection	Load cells type	Standard firmware
210326	IP65	Analogical	Totaliser
210327	IP54	Analogical	Totaliser
210330	IP65	Digital	Truck weighing
210331	IP54	Digital	Truck weighing

STANDARD COMMUNICATIONS

Description
RS232 x 2
Ethernet
USB - for uploading/downloading data (FAT32) or external keyboard (not included)

OPTIONALS

#Code	Description
220254	Reclining wall support GI650ABS
220022	Wifi
220008	Alibi/DSD memory
220002	RS485 output
-	Battery (for power failures)

ACCESSORIES

#Code	Description
580239	Logitech K120 Business USB keyboard
580552	Ethernet cable1 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 dígits of 100 mm

POWER SUPPLY

#Code	Description
220243	BS1363 (UK) - IP65
220244	SEV1011 (CH) - IP65
220245	Tipo B (USA) - IP65
220247	BS1363 (UK) - IP54
220248	SEV1011 (CH) - IP54
220249	Tipo B (USA) - IP54

AVAILABLE FIRMWARES*

#Code	Description
330001	Totaliser - Logistics**
330002	Truck weighing

* Consult the standard firmware in each version in the reference table
** Totalizer firmware not available for GI650D ABS version

Gm FREE PC SOFTWARE

#Code	Description
-	GIManager

*download on the website