GIROPES)
WEIGHING SOLUTIONS

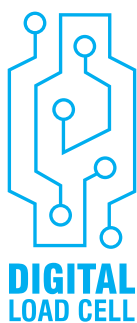# GI650D

TOUCH INDICATOR FOR DIGITAL LOAD CELLS

DIGITAL LOAD CELL

Connect up to 32 digital load cells

Touchscreen indicator for weighing on weighbridges with digital load cells.

Touch indicator for digital load cells

GIROPES)
WEIGHING SOLUTIONS

CONFIGURABLE TICKET

TOUCH SCREEN

MULTI LANGUAGE

Giropes has developed a compact indicator with a touch screen for vehicle weighing systems with digital load cells.

Indicator designed and manufactured by Giropes that can connect to our digital cell.

This digital system can provide individual solutions for all the cells of a weighbridge, without needing to recalibrate the entire weighbridge.

AVAILABLE FIRMWARES
Truck Weighing

Touch Screen Features

» 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.
» 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.

Communications / IP68

» Made from stainless steel with 100% protection from dust. The IP68 protection prevents water entering the device, meaning it can be fully and continually immersed in water for deep cleaning.
» 2 options: desktop or wall-mounted with adjustable bracket.
» RS232 x 2
» Ethernet
» USB (including cable) - for uploading/downloading data and keyboard.
» Optional WiFi*
» Optional Alibi Memory

Optional WiFi disables Ethernet
With optional WiFi the protection will be IP66

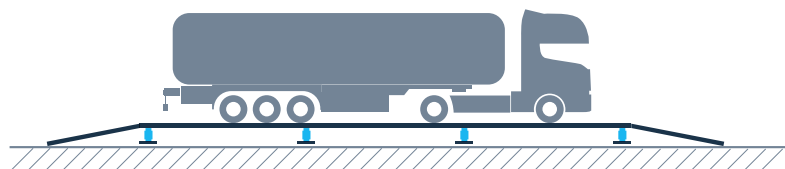## Main Features

» 8" touch screen
» Desktop version / Wall-mounted version with reclining bracket
» Stainless steel housing
» Dimensions:
  » Desktop: 242(w) x 226(d) x 126(h)
  » Wall-mounted: 272(w) x 164(d) x 212(h) max.
» Packaging dimensions 418 (w) x 300(d) x 146 (h)
» Weight of packaging: 4,4 kg
» Languages: English, French, Portuguese, German, Italian and Spanish
» 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)
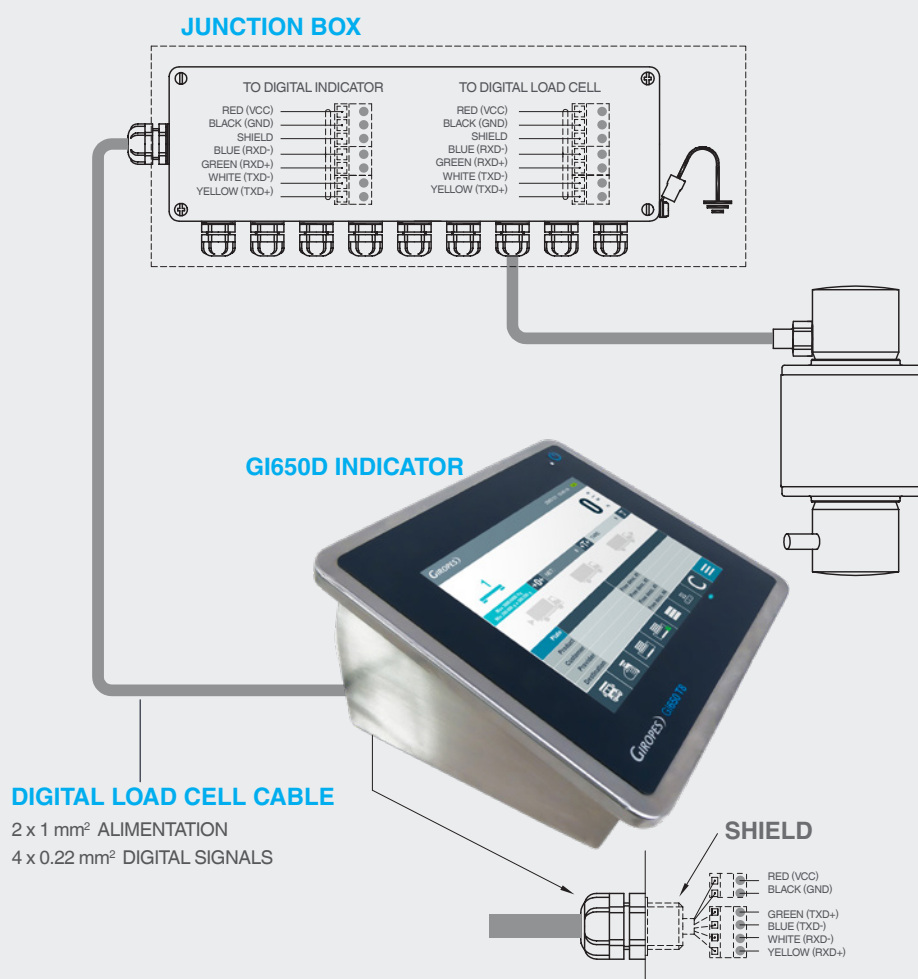» Operating temperature: -10ºC to 40ºC

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.

GI650D 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
BLUE (RXD-)
GREEN (RXD+)
WHITE (TXD-)
YELLOW (TXD+)

TO DIGITAL LOAD CELL

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

GI650D INDICATOR

DIGITAL LOAD CELL CABLE

2 x 1 mm² ALIMENTATION
4 x 0.22 mm² DIGITAL SIGNALS

SHIELD

RED (VCC)
BLACK (GND)

GREEN (TXD+)
BLUE (TXD-)
WHITE (RXD-)
YELLOW (RXD+)

GI650D
with firmware
Truck weighing

The Gi650D series allows you to easily navigate the truck firmware with a tactile interface and technology designed to adjust to the new times.

GIROPES)
WEIGHING SOLUTIONS

TRUCK WEIGHING FIRMWARES

TRUCK WEIGHING system

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

» **CONFIGURABLE PRINTING TICKETS:** Allows you to configure the tickets and determine the configuration to be stored in the device for each type of ticket.

» **DIGITAL PRE-CALIBRATION.**

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

» **PLUG AND WEIGHT SYSTEM** that allows you to connect and weigh directly, without needing calibration.

» **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 MEMORIZED TARES** by plate.

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

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

» **ALL METROLOGICAL CONFIGURATION** and database functions can be protected by a password.

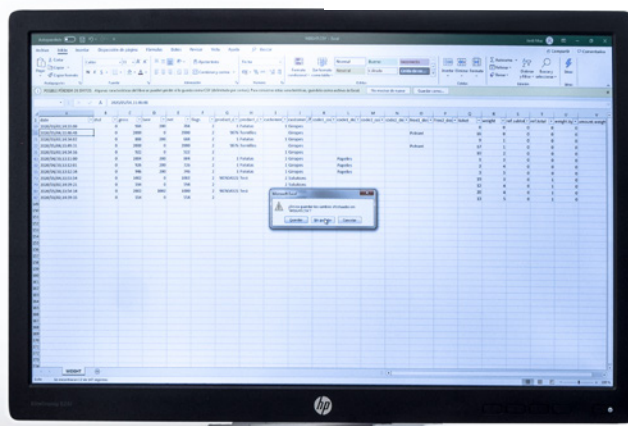*The storage capacity may change depending on the memory usage of the indicator.*

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.

CONFIGURABLE TICKETS

SEARCH INDICATORS

QUICK AND INTUITIVE INTERFACE

MULTI LANGUAGE

Requirements
» *OS Win 8 or Win 10*
» *Processor: 1GHz*
» *RAM memory: 2GB*
» *Disk space: 10GB*

GIROPES
WEIGHING SOLUTIONS

FOLDERS SYSTEM
for exported configurations and firmware backups

GIMANAGER

Main 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

REAL-TIME DISPLAY
of weight of the scale

GI650D T8 SERIES
TOUCH INDICATOR

INDICATOR GI650D T8

#Code	Description
210315	Bench-top version
210314	On wall version with reclining bracket

STANDARD COMMUNICATIONS

Description
RS232 x 2
Ethernet
USB (including cable) - for uploading/downloading data and keyboard

OPTIONALS

#Code	Description
#-05	Wifi
220008	Alibi memory
#-02	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)
220244	SEV1011 (CH)
220245	Type B (USA)

AVAILABLE FIRMWARES

#Code	Description
330002	Truck weighing

FREE PC SOFTWARE

#Code	Description
-	GIManager
	*download on the website