

P16

REPEATER & PANEL ALPHANUMERIC

IN STAINLESS STEEL &
IP66 PROTECTION



GIROPES
WEIGHING SOLUTIONS



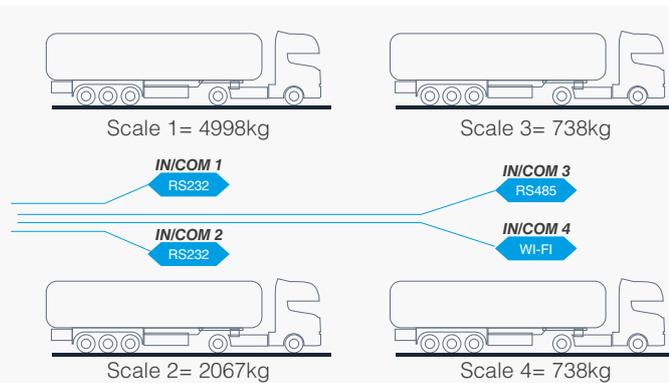
Modalities

REPEATER & PANEL with multiple functions

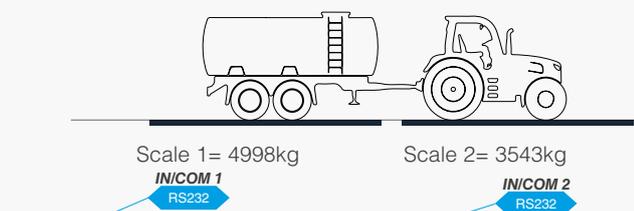
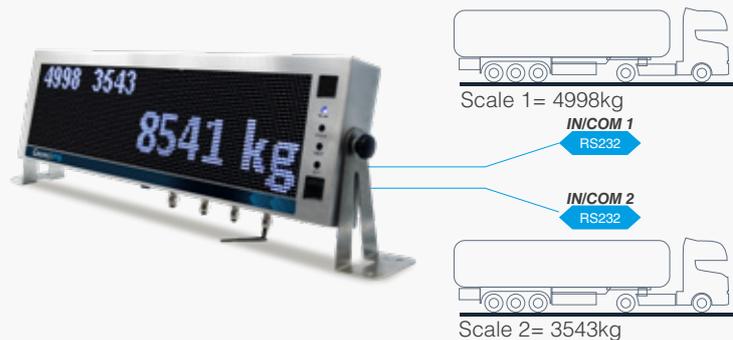
Repeater mode with channel summing function (4 possible inputs/outputs)

The equipment is prepared to display the data of the 4 channels (com) and the sum of all channels: 2 RS232 + 1 RS485 + 1 Wi-Fi or Ethernet.

The sum of channels are perfect solutions to make the sum of different scales. We can make different combinations to obtain inputs and outputs according to installation.

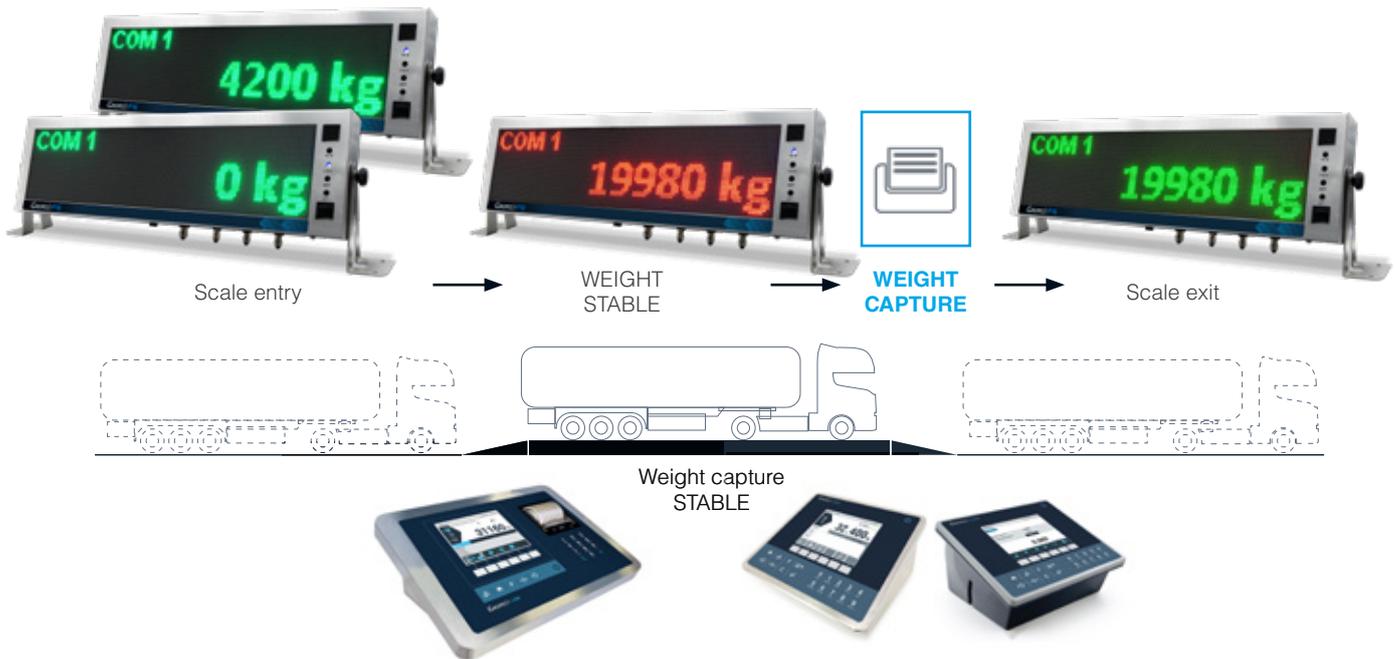


OUT/COM 3
RS485



Repeater mode with scale output traffic light function (protocol GIROPES)

Display in repeater mode with traffic light function activated with the **GIROPES** protocol, which visually shows truck entry (green "0"), weighing process, stable weighing (digits in red), saving (weight capture) and exit (digits in green for weighbridges with indicators of the GI430 and GI450 truck weighing series with truck weighing firmware).



Repeater mode with checkweigher function (protocol GIROPES)

This function activates the checkweigher of the GI400/410 indicators. The equipment is ready to display the 4 synchronized checkweigher zones with the connected weight indicator (only in combination with indicators of the GI400/410 series).



Panel mode with the GI650 INDICATOR truck weighing (protocol GIROPES)

*Gimanager required

Display with traffic light function activated with the protocol **GIROPES**, which visually allows truck entry (green color "0" and text Ready and Entry), stable weighing process (digits in red Stop), saving (weight capture) and exit (digits in green Go) for weighbridges with GI650 indicators.

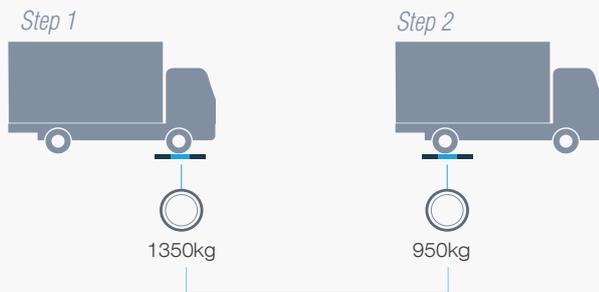


Weight capture
STABLE

Panel mode with the INDICATOR of the GI620 series AXLE WEIGHING

Dynamic weighing — axles 5 Km/h >> Weighing of the vehicle by axles

Display in repeater mode with axle weighing function 5 seconds between weighings and display of axle sum.



2,300 kg



Configuration

P16 REPEATER configuration software & GI6XX indicators



PC Requirements

- » OS Win 8 or Win 10
- » Processor: 1GHz
- » RAM memory: 2GB
- » Disk storage: 10GB

CONFIGURATION AND DISPLAY P16 REPEATER

MAIN FUNCTIONS:

- » Search for repeaters connected in network or serial port.
- » Download of firmware updates
- » Management of basic configurations and firmware backups
- » Configuration of P16 repeater parameters (general and communications)

Real-time display of weight on the scale

Folder system

- » For exported configurations and firmware backups.

Device configuration

- » Communication settings
- » Regional parameters
- » Panel parameters



Panel mode with Gimanager Software

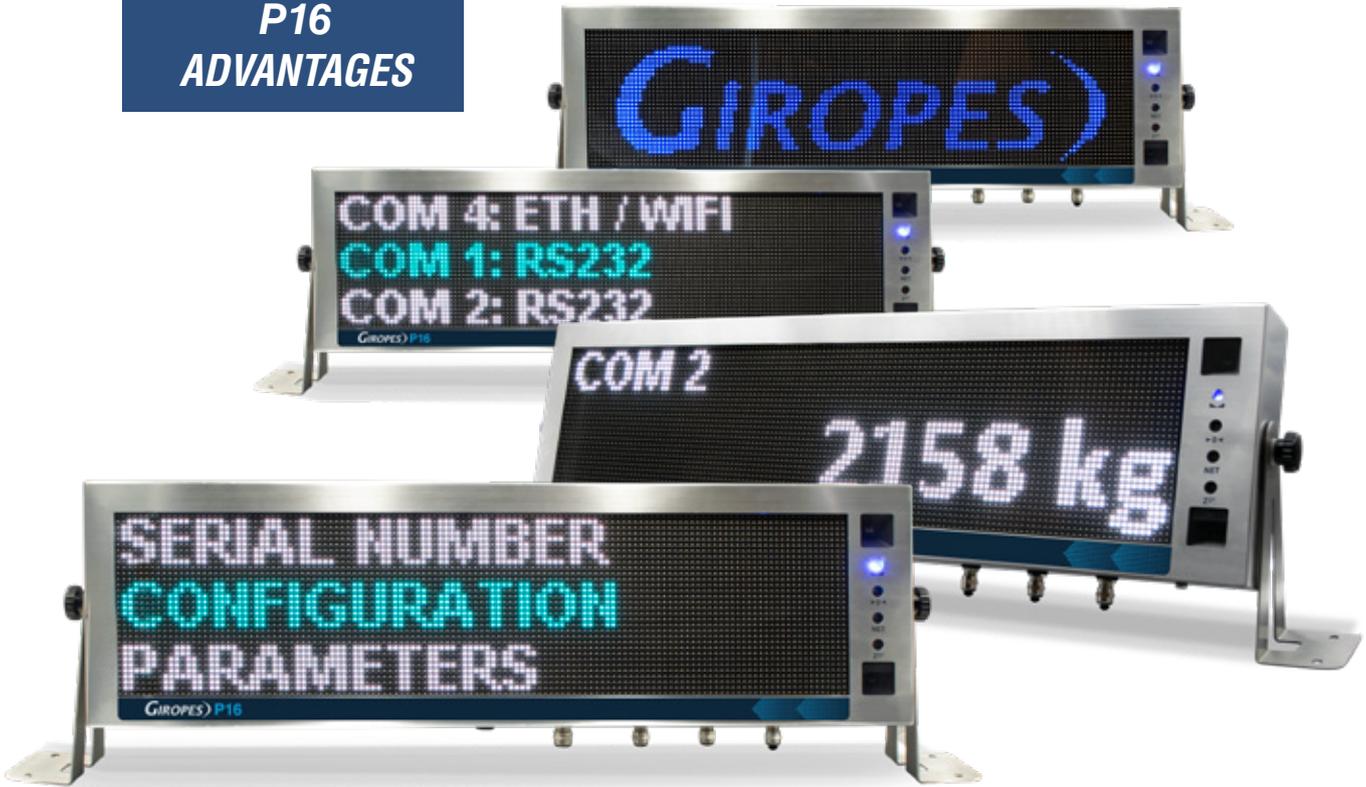


* Gimanager will detect the devices connected to the computer of the GI4XX and GI6XX series, as well as the P16 repeaters, allowing configuration.

GIROPES



**P16
ADVANTAGES**



INCREASED DURABILITY AND RELIABILITY

Advanced Technology:

LED arrays can have a higher density of dots, resulting in a clearer and more detailed representation of numbers and letters.

Resistance to Environmental Conditions:

Resistant to adverse environmental conditions such as dust, humidity, and vibrations. IP66 Protection.

DESIGN

Design:

Minimalist, robust and resistant.

Variety of colors and brightness:

Offering a range of colors and brightness levels, allowing customization according to the needs of the environment.

High readability: Bright and visible from different angles. With luminance sensor.



REMOTE CONTROL

Allows configuration of the repeater and the main TARE functions.

Maximum range
6m outdoor

P16 REPEATER

Description	#Code
Repeater GI400i P16 INOX IP66	210371
Repeater GI400i P16 INOX IP66 WIFI	210372
GI400i P16 INOX IP66 ETHERNET Repeater	210373

ACCESSORIES

Description	#Code
Support for hanging on pole	220269
Visor	220270

SOFTWARE

Description	#Code
GIMANAGER license	280088

INDICATION

- Display** RGB high-intensity LED matrix, 128x32 LEDs, 5 mm spacing (640x160 mm)
- Brightness** 7 brightness levels, manual and automatic mode
- Colors** 7 configurable colors
- Text** Formats: Full screen (95 mm), 1 weight (70 mm), 1 weight + reference <com>, multi-weight (45 mm)
- Indicators** 4 LEDs to indicate stability, zero, net weight, and standby

MODES

- Repeater** Weight sum of the channels, individual weights or individual weights and sum
- Panel** Display of messages with ASCII characters, different typologies, colors and dimensions
- Standby** Configurable screensaver with: date, time, date and time, logo or black

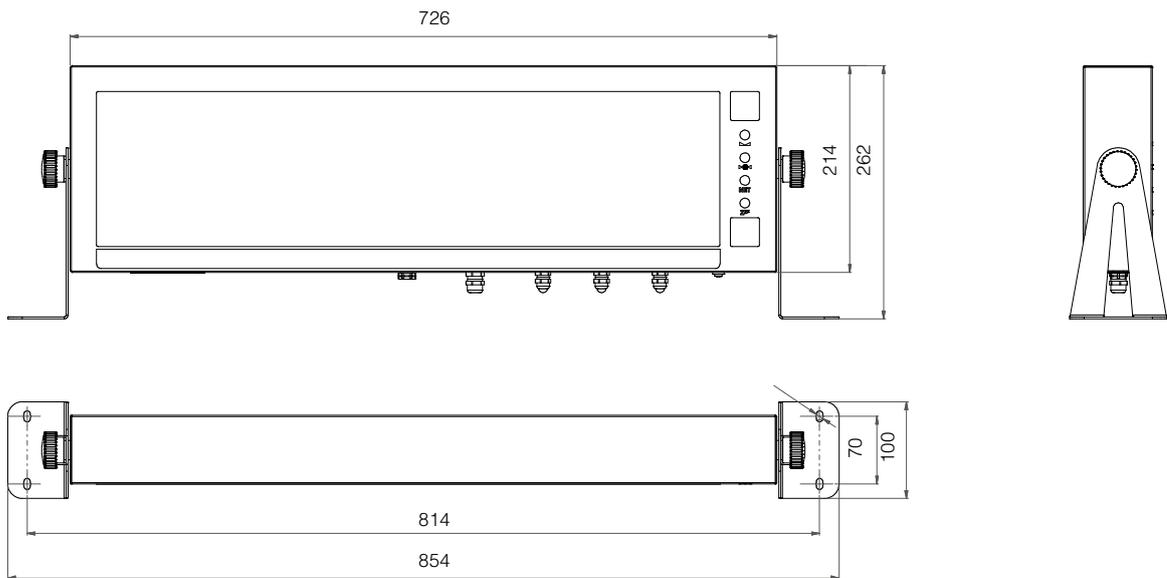
USER INTERFACE

- Remote control** Infrared technology. Allows to configure the equipment up to 6 m. Quick keys to modify display mode and brightness
- Software** GIMANAGER

Technical characteristics

Dimensions in mm

Weight: 7kg



SERIAL COMMUNICATIONS

- Tx/Rx port** 2 x RS-232 bidirectional and 1 x RS485 (RS232/RS485 cable included cable length 15m)
- Baud rate** 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bauds
- Number of bits** 7, 8 or 9
- Parity** none, even or odd
- Stop bits** 1 or 2
- Protocols** 21 Input/Output protocols + TAGs protocol to customize protocol.

POWER SUPPLY

- Network connection** 110-240 V AC 50/60 Hz
- Power** 35 W
- Cable length** 2m

USER INTERFACE

- Remote control** Infrared technology. Allows to configure the equipment up to 6 m. Quick keys to modify display mode and brightness.
- Configuration software** GIMANAGER

GESTRUCK 2

software for truck scales

With GesTruck2 you can quickly and efficiently record and process the traffic on your weighbridge scales

The GESTRUCK2 software offers complete control of vehicle weighing operations with an interface that is easy to understand and, above all, helps to obtain the desired information as accurately and quickly as possible.



GST4

self-service terminal

**Autonomous station with touch screen
10.1"**

Self-service terminal that transforms weighbridge scales into automated weighing stations. It adapts to the access control needs of any sector thanks to the different associated software options and its complete range of accessories.

Availability of a complete range of accessories and complements: intercom, thermal printer, card display or 3G/4G communication among others.

GESNET

Software for the management of waste plants

Advanced weighing management and control solution designed to optimize processes in recycling centers

Allows the automation of entry and exit record, reducing waiting times. It facilitates the integration of weighing data with enterprise resource planning (ERP) systems, providing a complete and real-time view of operations.



**GesTruck2 programs can be completed with the installation of terminals. Require activation of this module for its control.*