

GI620 T8

**Weight indicator
8" touch in case
portable**

AXLE SCALES OR
WHEEL LOAD SCALE FIRMWARE



APPROVED OIML



giropes



GI620 T8

INDICATOR
PORTABLE SUITCASE



Indicator for weighing vehicles on portable or embedded Platforms. Available in Axle scales or Wheel load scale version.



EQUIPPED WITH AXLE SCALES FIRMWARE OR WHEEL LOAD SCALE FIRMWARE

AXLE WEIGHING

Firmware designed to control the vehicle weight axle by axle, using portable Axle scales Platforms or systems embedded in the pavement. The system records the weight of each axle and calculates the total weight of the vehicle from the sum of the measurements.

- » Individual weighing per axle.
- » Automatic calculation of the total vehicle weight.
- » Compatible with portable or embedded Platforms.
- » Operation in Static weighing or dynamic mode (at constant speed), depending on the application.



WHEEL WEIGHING

Firmware designed to obtain the individual weight of each wheel of the vehicle. To perform the measurement correctly, each wheel must be placed on a Platform.

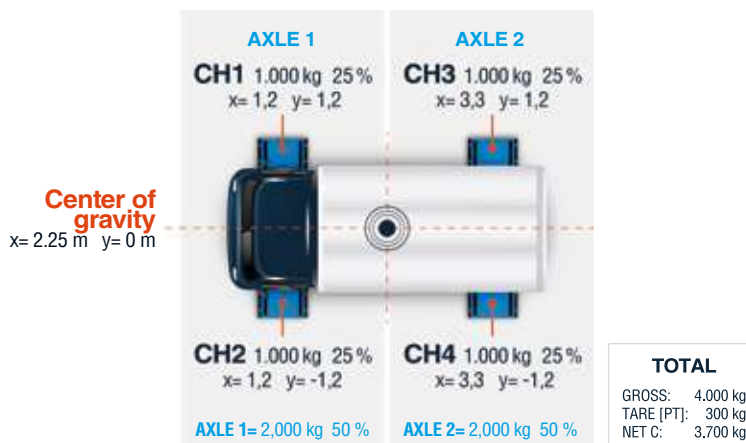
- » Maximum 4 Platforms connected by cable (one per channel).
Optionally, more than one Platform can be connected per channel. This mode allows you to know the weight per wheel, but does not include the calculation of the center of gravity.
- » Maximum 8 Platforms connected via Bluetooth.



Note: The total weight of the Platforms is obtained by the metrological sum of the values recorded by each Platform. The result is rounded according to the metrological resolution of the resulting scale, which in this case is 50 kg.

CALCULATION OF THE CENTER OF GRAVITY BY WHEEL LOAD SCALE

Wheel weighing is performed by simultaneously placing all the vehicle's wheels on the Platforms. The system uses the weight and position of each wheel to calculate the center of gravity, allowing vehicles with up to 8 wheels in the Bluetooth version and up to 4 wheels in the cable version.



COMMON FUNCTIONS

- » The Firmware of Axle scales and Wheel load scale share a common functional base for the control, display, and recording of the weighing.
- » Both allow you to check weights per Platform and print the weight per axle (except the Axle scales Firmware in dynamic mode by cable) and the total vehicle weight, as well as to manage tickets, heavy vehicles, and accumulated totals.
- » In this way, the system offers a complete and traceable operation, adapted to both Axle scales and Wheel load scale.

FEATURES

Class	III / IIII (depending on the Platform)
Degree of protection	IP54 (IP65 case closed)
Operating temperature range	-10 °C to + 40 °C
Connection to the mains	110-240 V AC 50/60 Hz
Power supply	12 V DC
Rechargeable battery	Lithium ion 11.1 V 17.5 Ah (30 h duration)
Thermal printer	CUSTOM PLUS 2B, print width: 48 mm, resolution: 203 dpi
Screen	Resistive, 8" touchscreen, dimensions: 162 x 125 mm
Keyboard	Virtual on touch screen
Dimensions	450 x 425 x 160 mm
Weight	5,35 kg

COMMUNICATIONS

RS232 serial port 1 x bidirectional RS-232C

CONNECTIVITY WITH PLATFORMS

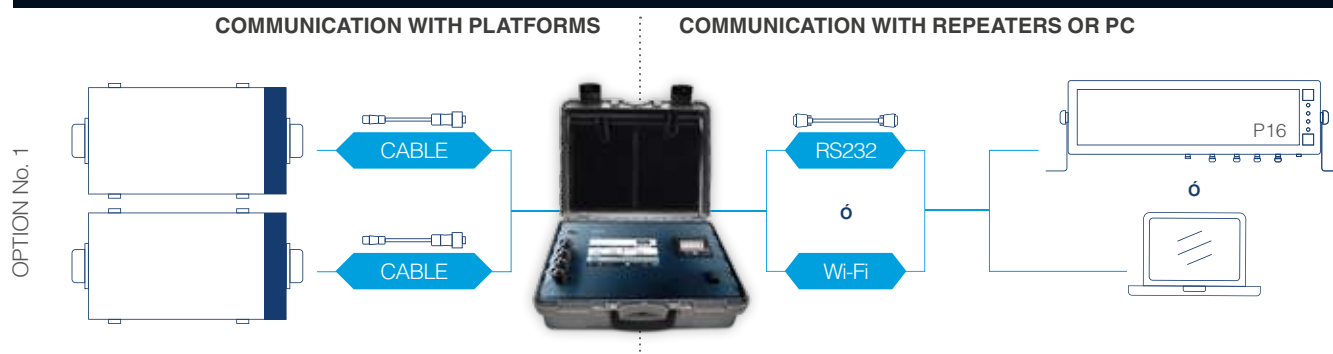
Wireless channels 8 Bluetooth channels (Wheel load scale) and 2 Bluetooth channels (Axle scales)

Wireless distance 25 m (under optimal conditions)

Wired channels 4 analog channels (wheel load scale) and 2 analog channels (axle scales)

Cable distance 10 m

PLATFORM CONNECTION BY CABLE



Description	Code
Case indicator GI620 T8 Cable - Axle scales	210404-05
Case indicator GI620 T8 Cable - Wheel load scale	210404-07
Case indicator GI620 T8 Cable Wi-Fi - Axle scales*	210405-05
Case indicator GI620 T8 Cable Wi-Fi - Wheel load scale*	210405-07
Case indicator GI620 T8 USB Cable - Axle scales**	210406-05
Case indicator GI620 T8 USB Cable - Wheel load scale**	210406-07

*The Wi-Fi port is used to transmit the current weight data to a PC or repeater.

**The USB port is used to export the data to a USB drive.

PLATFORM CONNECTION BY BLUETOOTH



Description	Code
GI620 T8 Bluetooth suitcase indicator - axle scales	210409-05
GI620 T8 suitcase indicator Bluetooth - Wheel load scale	210409-07
GI620 T8 Bluetooth USB suitcase indicator - axle scales*	210410-05
GI620 T8 suitcase indicator Bluetooth USB - Wheel load scale*	210410-07

*The USB port is used to export data to a USB memory stick.

Optional (cable or Bluetooth)

Description	Code
Memory ALIBI/DSD	220008
RS232 to USB cable for connecting to PC	580610

Approved systems



APPROVED **OIML R134**

Approved system for **axle weighing in dynamic mode**, designed to operate at a constant speed of up to 5 km/h, equipped with the indicator from the **GI620T8** series and portable platforms from the **BPRG** series.



APPROVED **OIML R76**

Approved system for **axle weighing in static mode or wheel weighing**, equipped with the indicator from the **GI620 T8** series and portable platforms from the **BPRG** series or the **PM** series, according to the system's needs.

Complete the Solution with GESDYN software



Software for control of weighing in road vehicles

GESDYN is the Giropes software used in Static weighing and dynamic weighing systems for traffic categorization and penalization.

Allows the entry of GVW (gross vehicle weight) and automatic calculation of excess.

GESDYN also allows integration of all control modules, such as access devices and vehicle positioning for fixed installations. It also includes a set of vehicles and predefined lists to facilitate Management.



Shall we talk? Contact us

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