

COMPLEMENTS

TERMINALS

TOUCH BP

ONE BP

Discover the best option for your business

- ▶ Touch or keypad terminal
- ▶ Weighing software
- ▶ RFID
- ▶ Remote maintenance



Models

BP One Terminal
BP Touch Terminal

CERTIFIED





WEIGHBRIDGE TERMINALS

TERMINALS BP



Vinyl option

Intelligent control for Bridge Scales

In industrial environments where autonomy, efficiency and safety are key, Epelsa's BP terminals offer a reliable and robust solution for weighbridge control.

Automating the weighing process not only improves workflow, but also reduces risks, errors and provides real-time traceability.

The BP-Tactil and BP-One terminals, which are the ones that will be placed at the ends of a weighbridge, are designed to integrate directly into the industrial weighing environment, allowing the vehicle driver himself to perform the weighing autonomously, safely and without assistance. Both models share the same electronics and operating logic, and communicate directly with the EpelSoft BPWin+ software, which centralises and records all process information.

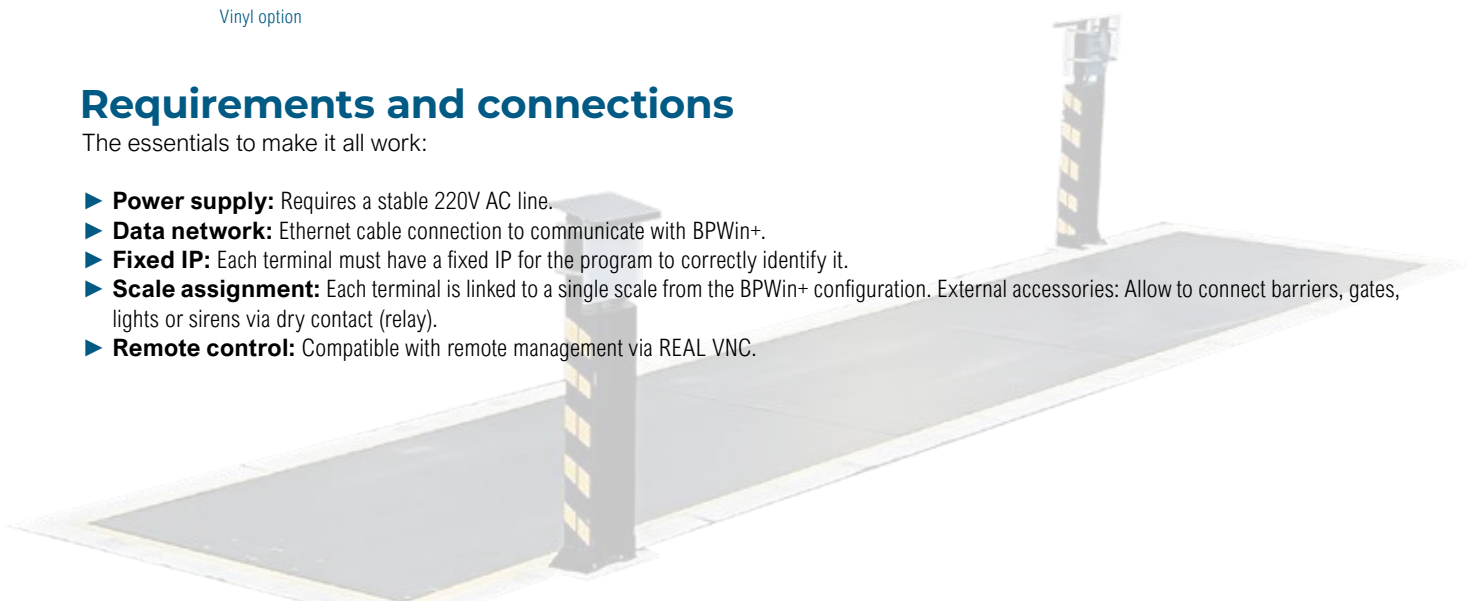
The choice between one model or the other will depend on the level of interaction required.

- ▶ BP-Tactil, incorporates a high visibility touch screen, suitable for environments with multiple references or higher operational demands.
- ▶ BP-One offers a simpler solution, based on optional push buttons and an alphanumeric interface that is effective in scenarios with fewer variables.

Requirements and connections

The essentials to make it all work:

- ▶ **Power supply:** Requires a stable 220V AC line.
- ▶ **Data network:** Ethernet cable connection to communicate with BPWin+.
- ▶ **Fixed IP:** Each terminal must have a fixed IP for the program to correctly identify it.
- ▶ **Scale assignment:** Each terminal is linked to a single scale from the BPWin+ configuration. External accessories: Allow to connect barriers, gates, lights or sirens via dry contact (relay).
- ▶ **Remote control:** Compatible with remote management via REAL VNC.



Touch BP

BP Touch is a control terminal that acts as a direct interface between the driver and the scale management software. It is equipped with a 10.1 inch touch screen with 1000 nits brightness, ensuring excellent visibility outdoors. On-screen navigation allows selection of fields such as product, customer, carrier or other parameters defined from BPWin+, all without the need for additional operators.

The device is ready for industrial environments: its structure is robust, resistant to demanding climatic conditions and its design is intended to facilitate smooth use or use in low visibility conditions.

Main features

- ▶ 10.1" capacitive touch screen with high brightness (1000 nits).
- ▶ Industrial metal housing with integrated cooling.
- ▶ Ethernet connection with fixed IP.
- ▶ Peripheral control via relay outputs.
- ▶ Compatible with thermal printer and RFID identification.
- ▶ Remote configuration via REAL VNC software.
- ▶ Power supply: 220 V AC.

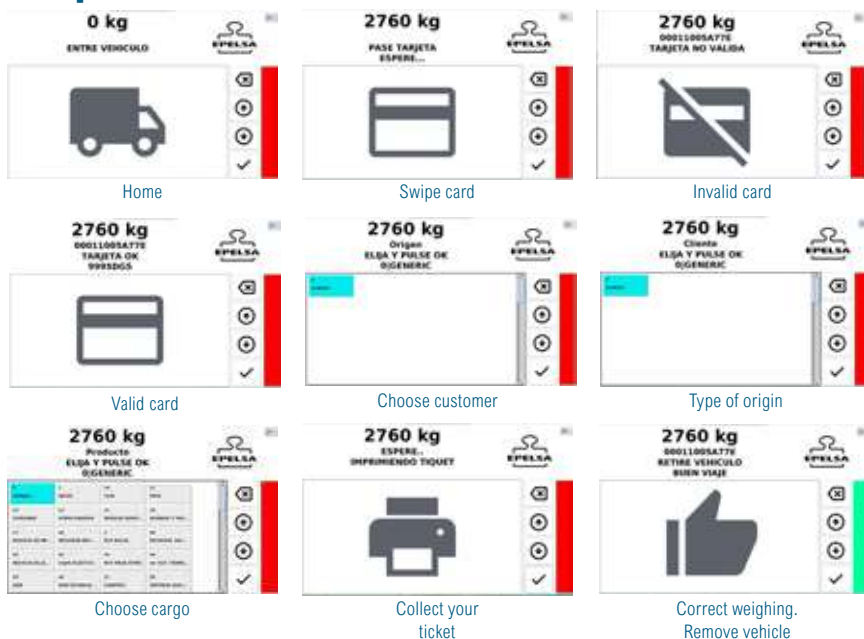
Benefits

- ▶ Improves the autonomy of the weighing process, eliminating the need for field personnel.
- ▶ Reduces waiting times and human errors in data entry.
- ▶ Integrates additional functions such as barrier opening, ERP export or RFID access management.

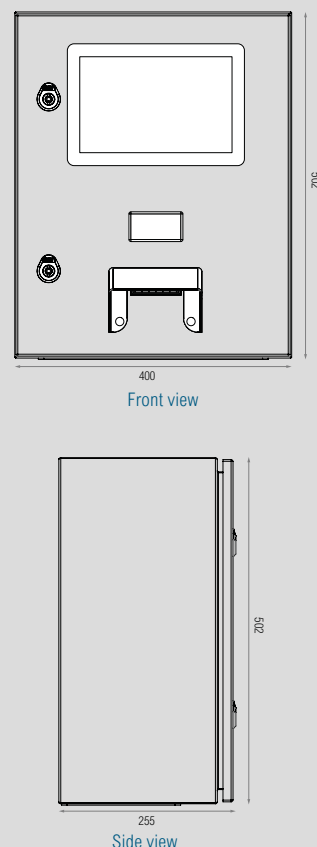
Optional

- ▶ Printer. This printer offers a high print quality at 200 dpi, with a paper width of 60 mm and a print speed of over 140 mm/sec. In addition, it has a cutter that supports more than 1,000,000 cuts.
- ▶ RFID reader. This reader allows vehicles to be identified by means of RFID cards, improving the efficiency and security of the weighing process. The RFID reader has a reading range of up to 20 cm and is waterproof, ideal for outdoor use.

Steps in Touch BP



Technical drawings





ONE BP

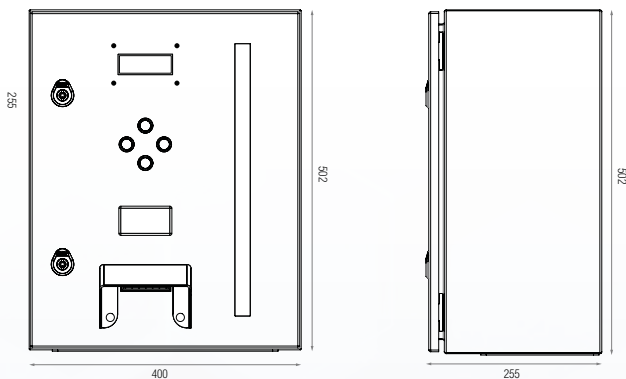
The BP ONE version of the terminals is equipped with a blue alphanumeric display with 4 lines of 20 characters each. In addition, it includes a traffic light LED bar that facilitates the visualisation of the weighing process status.

The functions of the BP ONE are the same as those of the BP touch screen. Users can view weight and BPWin+ program instructions, as well as perform weighing and select fields such as product, customer, carrier, etc. However, this version does not have input for field selection unless the optional push button is chosen, which includes 4 buttons: up, down, cancel and enter. This version is recommended for users with small databases.

The traffic light LED bar changes colour to indicate the status of the process, providing clear and effective visual guidance for drivers. This improves the efficiency and safety of the weighing process.

BP ONE and BP Táctil have the same electronics and the same software. Regardless of the version, the messages will be given to us through four guide texts.

Technical drawings



Optional

- **Printer.** This printer offers a high print quality at 200 dpi, with a paper width of 60 mm and a print speed of over 140 mm/sec. In addition, it has a cutter that supports more than 1,000,000 cuts.
- **RFID reader.** This reader makes it possible to identify vehicles by means of RFID cards, improving the efficiency and security of the weighing process. The RFID reader has a reading range of up to 20 cm and is waterproof, ideal for outdoor use.
- **Button panel.** The push button option makes interaction with BPWin Plus simple and efficient. By integrating buttons in the ONE version, users can select fields of the BPWin Plus program, such as product, customer, carrier, among others, directly from the terminal. This facilitates interaction with the program without the need for a touch screen.

Main features

- Blue alphanumeric display: 4 lines x 20 characters.
- LED bar with traffic light signalling.
- Optional keypad: basic navigation (up, down, cancel, accept).
- Ethernet connection with fixed IP.
- Compatibility with RFID and thermal printer.
- Outputs for peripheral control via relay.
- Power supply: 220 V AC.
- Remote management via REAL VNC.

Benefits

- Simplifies weighing management in installations with fixed data structures.
- Provides a clear interface for the driver by means of light and text.
- Provides visual control of system status without the need for a touch screen.

REFERENCES	DESCRIPTION
0011131000	BP Touch Terminal
0011130000	Terminal BP One
0011130700	Printer + roll holder + visor option
0011130900	Option GP20 reader (RFID)
0011130800	Button panel option (BP ONE only)
0011130020	Option 2mm painted steel visor

Other options on request: 2mm stainless steel visor option; INOX cabinet option; Painted steel post; INOX post; Stainless steel post.