



INDUSTRIAL
SOFTWARE

SOFTWARE

EpelSoft REMOTE

A VISOR IN THE PALM OF YOUR HAND

- Android platform
- Receives data from the indicator
- Allows Tare from the device
- Simple and intuitive interface



EpelSoft REMOTE
Software

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Industrial Software

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EpelSoft REMOTE is a mobile application designed to facilitate the management and control of weighing processes through Android devices. With this application, you can receive and visualize in an accurate and updated way all the data from the EPELSA weighing indicator through the MODBUS protocol, offering an efficient and versatile solution for various industrial applications.

With EpelSoft REMOTE, you can receive and display real-time weighing data, including net, tare and gross weight, thanks to the continuous transmission of information from the indicator. This accurate and up-to-date display capability enables comprehensive control of weighing processes, improving operational efficiency.

In addition, the application offers bi-directional tare functionality, allowing taring from both the indicator and the Android device. This ensures a flexible and adaptable operability to the specific needs of the weighing process.

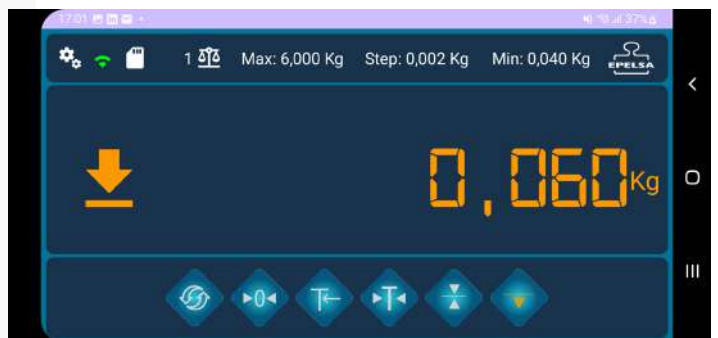
Thanks to its features, EpelSoft REMOTE is an ideal tool for various work situations that require mobility in weighing, functioning as a remote control that offers control and flexibility in the management of weighing data.



Main screen



Correct weight. Green marker



Low weight. Orange marker



High weight. Red marker

Main functions

- **Real-time display:** It accurately displays gross, tare, net weight and connection status, all in real time.
- **Capture of metrological data:** The application automatically captures and updates the indicator's metrological data, such as divisions, step, platform number and levels, even when changing platforms via the keypad. This makes EpelSoft REMOTE a perfect repeater of the indicator.
- **Weighing register:** It enables various weighing operations to be carried out and recorded, ensuring detailed and efficient control.
- **Two-way communication with the viewfinder:** Zero, tare, tare removal, platform change and level keystrokes are instantly reflected on both the indicator and the Android device application, ensuring seamless synchronisation.
- **Versatile working modes:** It offers both normal mode and Checkweigher mode. In Checkweigher mode, the display changes colour (red, green, orange) according to the weight level and only allows the weighing to be accepted if it is within the programmed margins. The application guides the user by means of intuitive icons (up arrow, OK, down arrow).
- **SQLite database:** The weights are stored in a SQLite database on the Android device, allowing easy querying and management of the data.
- **Export of records:** It facilitates the export of weighing records to files in .csv format, storing them in the download folder of the device under the name "export.csv".

With these features, EpelSoft REMOTE not only simplifies the weighing process, but also offers a complete and

efficient solution for real-time control and data management, adapting to various industrial needs.



CheckWeigher mode

Benefits

Operational Efficiency: It facilitates the management and control of weighing processes, optimising the time and resources involved.

Accuracy and Reliability: It provides an accurate and up-to-date display of weighing data, ensuring reliable results.

Flexibility and Adaptability: It is versatile and adaptable to different industrial contexts and needs.

Valid for Orion, Orion PLus, Cyber and Cyber Plus scopes.



Communication

The main function of EpeIsoft REMOTE is to act as a weight repeater, controlling the indicator directly from the application. By connecting the device to the indicator via **MODBUS** protocol, the application reads all metrological parameters and configures itself.

Cualquier acción realizada en el visor, como pulsar el botón de Cero, Tara, cambiar de plataforma o introducir niveles (si se trabaja en modo Checkweigher), se refleja automáticamente en la aplicación. De igual manera, cualquier pulsación de estas teclas en la aplicación se reflejará en el visor.

The application allows you to record weighs and save them with the assigned record number in the **ALIBI memory**, making it a backup of the memory of the indicator. These weights are stored in the **SQLite database** of the Android device and can be consulted and exported whenever desired.

Configuration Features

Communications configuration in the Viewer:

- **MODBUS communications protocol:** Uses the Ethernet channel for communication.
- **IP Configuration:** Allows you to configure a valid IP in the viewer.
- **Port Configuration:** Configures the communication port (default 1000).
- **Equipment number:** Allows you to set the number of the equipment in the viewer.
- **Wifi communication:** Connects the viewer to the Android device via Wifi. This requires the client's own Wifi network or one generated by an access point or router.

Communications Settings on the Android Device:

Parameter configuration: Access the parameter configuration for:

- Configure the IP of the viewer.
- Configure the communication port.
- Set the device number.
- Allow ALIBI memory to be downloaded into the application.
- **Connecting to the Wifi network:** Connect the Android device to the same Wifi network that the viewer is connected to.
- **Restart the application:** Restart the application to update the parameters.

Application Configuration:

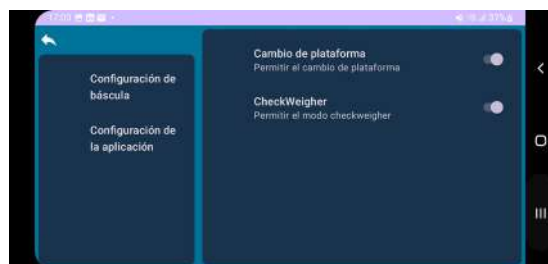
- **Platform change:** Allows you to configure the option to switch platforms if a second platform is available.
- **Checkweigher mode:** Allows you to configure the Checkweigher mode to work with weight control by levels.



Scale configuration



Scale configuration



Scale configuration



Scale configuration

Reference

MODEL	REFERENCE
EPELSOFT REMOTE	0018910779