



INDUSTRIAL
INDICATORS AND REPEATERS

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AIRPORT PLUS INDICATOR

Airport Plus indicator with repeater for baggage weighing at airports.



Stainless steel
LCD display
5-key
USB & RS-232

Equipment that allows the weighing of luggage at airports, giving the number of packages per customer and their total weight.



Model
AIRPORT PLUS INDICATOR
Baggage weight control

CERTIFIED BY GRUPO EPELSA SLU



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Indicator

Airport Plus

AIRPORT PLUS INDICATOR

The weight indicator consists of the process unit with display and keypad and the possibility of connecting an additional display (repeater). Both the process unit and the repeater are mounted in a stainless steel box which can be flush mounted in the counter.

AIRPORT Plus is a device that allows:

- Solo-Weight indicator for check-in baggage weight control at airports.
- Control of the total weight checked in to a passenger.
- Control of total checked-in weight.

LCD screen for operator and user display and 5 keys for the operator:

- 4 sensitive function keys
- 1 ON/OFF key

Direct functions from weight mode:

Weight Only
Zero-Tare
User menu entry
New passenger selection
Total passenger



Airport Plus Viewer/Repeater with LCD display



LCD display without keypad (repeater)

Features

Type	Indicator
Material	Stainless steel
Installation	Mostrador/Colgante
Display	LCD: 5 digits for weight, 6 for number of packages and 7 for total, 7 segments and 12 mm high.
Keyboard	5 keys
Connections	RS-232/C output USB (FTDI VCP Drivers) Output with 2 relays External power supply Repeater External platform
Others	5V DC power supply possible via USB connector. USB CONNECTOR. Wiring extension kit (optional)
Dimensions	20.6 x 7.75 x 9 cm (length / depth / height) Packing dimensions: 52 x 41 x 26 cm

General

- » The weight indicator consists of the process unit with display and keypad and the possibility of connecting an additional display (repeater). Both the process unit and the repeater are mounted in a stainless steel box which can be built into the counter
- » Equipment designed for microprocessor control of the weight signal, which allows it to maintain its performance, reliability and operational safety in accordance with the metrological standards EN45501:2015, OIML and H44, which it complies with for accuracy in class III and up to 6,000 divisions, being protected against mains disturbances, electrostatic discharges and radiofrequency
- » Supports up to 10,000 display divisions (non trade).
- » Certified according to the European Standard EN-45501:2015 for non-automatic weighing instruments with n° TC11828, issued by the NMI (Nederlands Meetinstituut) of the Netherlands.
- » Full calibration and adjustment of both operating and internal parameters via keypad.
- » It incorporates a program for self-checking and self-correction, displaying the type of error or anomaly when it occurs.
- » It can also work as a single-weight unit (without the possibility of adding or viewing the sum and the weighing number).



Visor. Carcasa Acero y 5 teclas
LCD display and 5-key keypad



Repeater. Housing Steel



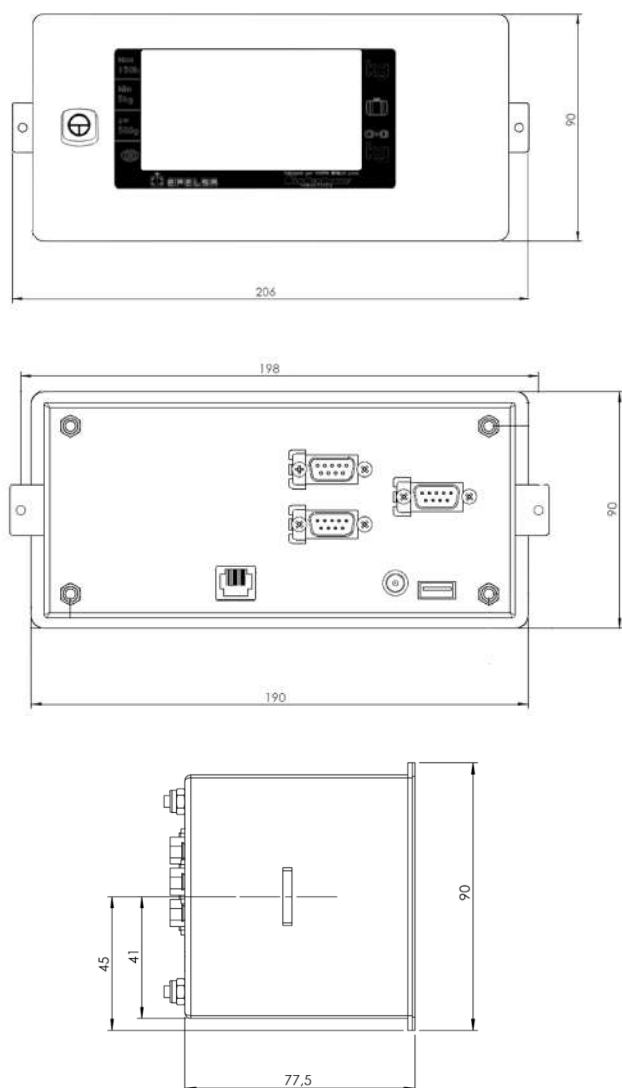
Visor Airport Connections



Repeater connection

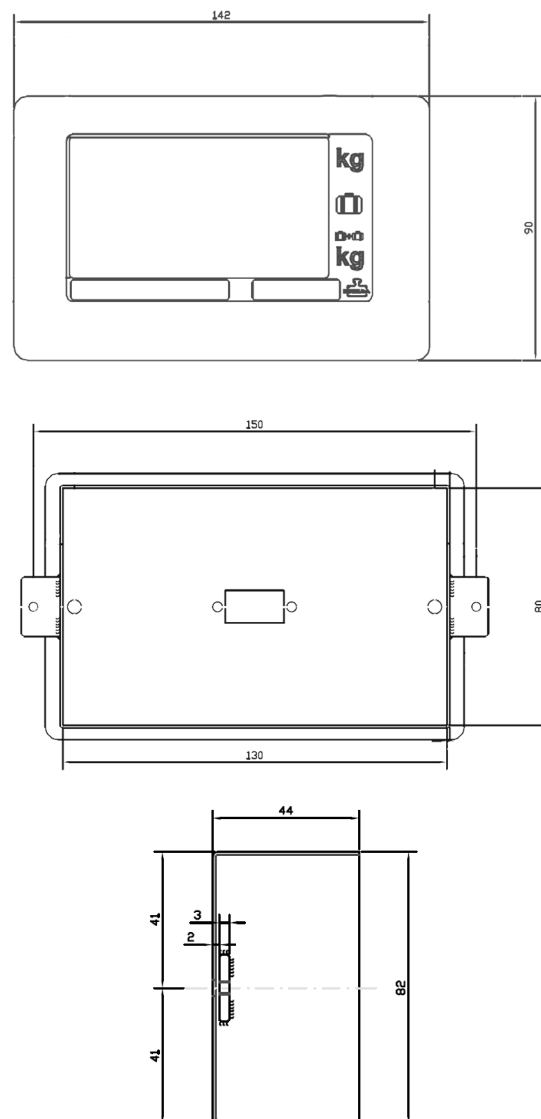
Technical drawings

Airport Plus Viewer/Repeater with Keypad



Technical drawings

Repeater without keypad



Technical Data

Technical specifications

- Power supply with external power supply: voltage 110 / 240 V AC (50 / 60 Hz) at 5-12V DC 6W.
- Possible 5V DC power supply via USB connector.
- Computer output: RS-232/C., USB (VCP drivers from FTDI).
- Two relay outputs.
- Cables for connection of repeater and scale, with a length of:
 - 1.5 m for repeater.
 - 5 m ground cable
 - 2 m ground cable
 - Mains adapter
 - 3 m cable for platform connection.
- Power consumption 6 W maximum.
- Analogue filter and digital filter.
- Number of divisions: 6.000
- Minimum sensitivity: 0.66 μ V per division.
- Correctable dead weight: 20% max.
- Zero range: 2% E.F.
- Working temperature: -10 °C / +40 °C
- Humidity 85% max. non-condensing.
- Zero drift: <20 ppm/°C
- Gain drift: <10 ppm/°C
- Uexc cell supply voltage: 5 VDC radiometric.

- Minimum load impedance : 35 Ω
- Maximum load impedance : 1230 Ω
- Error fraction: 0,5

Communications

- RS-232
- USB

Connections:

- 2 output relays (Weight OK and Error)

Optional

Additional connection kit (extended wiring):

- 6 m for connection to platform.
- 10 m for relays.

Reference

MODEL	REFERENC
AIRPORT PLUS WITH REPEATER	000013980496
AIRPORT PLUS VISOR CONNECTION KIT	000013989118