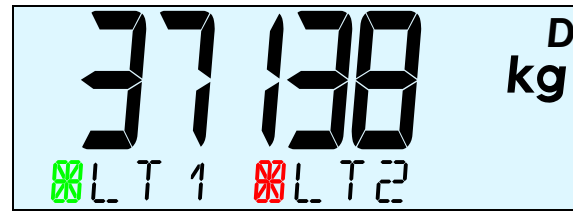


Options

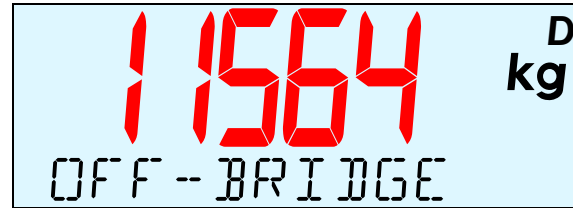
▼ Traffic light management (up to 2 lights)

- Light status display by colour.
- Traffic light type configuration: Incoming or outgoing.
- Light name configuration (on 4 characters).



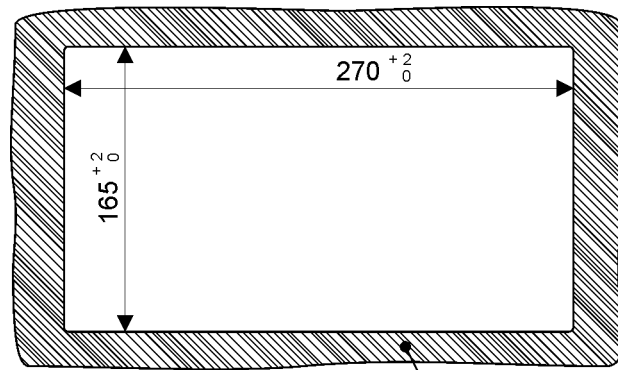
▼ Weighing authorisation according to the contact state (vehicle positioning cell, key switch, etc.).

- Configurable message.
- Authorisation / Weight display (YES/NO).



▼ Panel mounting kit

Cut out template



Maximum partition thickness: 8 mm.

Your specialist

Non contractual illustrations. Precia-Molen reserves the right to alter the characteristics of the equipment described in this brochure at any time.

Head Office & Factory PRECIA-MOLEN
 BP 106 - 07000 Privas - France
 Tel. 33 (0) 475 664 600
 Fax 33 (0) 475 664 330
 E-MAIL webmaster@preciamolen.com

RCS: 386 620 165 RCS Aubenas

**PRECIA
 MOLEN™**
 WORLDWIDE WEIGHING

i 35 Weighbridge indicator

**PRECIA
 MOLEN™**
 WORLDWIDE WEIGHING



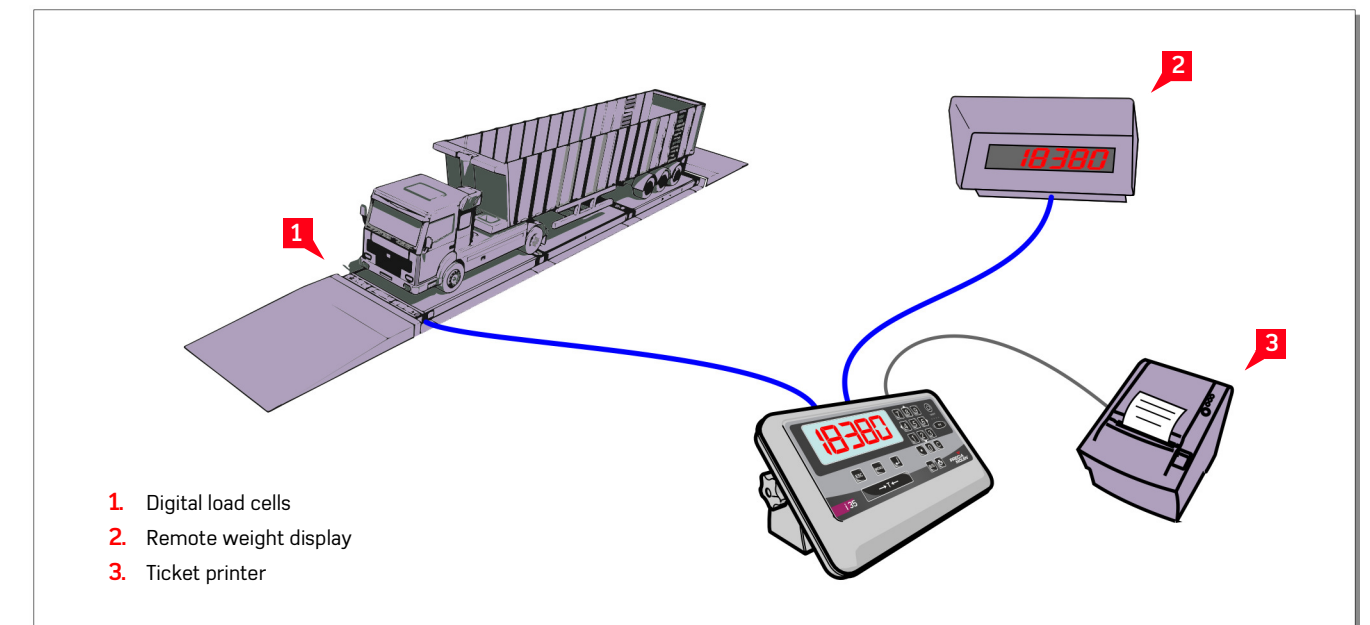
For incoming and outgoing material on the weighbridge, the **i 35** indicator, equipped with a simple, user-friendly and efficient application software, can meet any totally autonomous weighing application.

Equipped with a ticket printer (sold separately), it is also able to communicate with the industrial PCs on the market and remote weight displays through multiple connections in accordance with the legal metrology aspects.

Economical and innovative, it controls two weighbridge incoming and outgoing traffic lights locally. In addition, it is equipped with an ingenious weighing locking system prohibiting the weighbridge's use outside working hours.

Its power allows it to supply up to 18 PRECIA MOLEN product line analog or digital load cells, thus allowing it to manage very long bridges.

Typical application



1. Digital load cells
2. Remote weight display
3. Ticket printer

General characteristics and functions

Metrological characteristics

- Class III IPFNA
- Single range 6000 e (ML)
..... 30000 d (HML)
- Dual range..... 2 x 3000, 2 x 6000 (ML)
- Sensitivity 2mV/V
- Minimum voltage step per step 0.5µV
- Load cell power..... 5V
- Minimum load cell impedance 43 Ω
- Maximum load cell impedance 1245 Ω
- 4/6 wire connection.
- Up to 100 measurements/second.
- Cascadable digital filtering on 2 configurable levels

Weighing

- Weight reading (up to 18 load cells).
- Minimum threshold management.
- Zero tracking.
- Single weighing with predetermined tare.
- Single weighing with manual tare.
- Single weighing (gross weight) with last 30 weighing storing.
- Dual weighing (gross weight) with recall of one of the last stored 30 single weighing (gross weight).
- Recording 300,000 weight records on Data Storage Device (DSD).

Display

- Innovative FSC-LCD (Field Sequential Colour) technology.
- High viewing angle.
- Adjustable contrast.
- Weight on 7 x 25mm high characters.
- Indications: Unit, stability, range.
- Configurable background colour (choice of 7 colours)
- Real time clock (HH:MM:SS).
- Weighbridge description: 10 x 8mm characters.

Keyboard

- Touch control keys.

Housing

- Protection rating IP 66
- 304L stamped stainless steel construction.
- Includes a swivel bracket (180°) for tabletop or wall installation.
- Reversible rear shell.
- Weight 1.5 Kg

Settings

The indicator's metrological and functional settings can be made:

- Via the indicator's front panel;
- Via PC and internet browser.

Parameter backup/restore on µSD card (option) or PC disk.

Preventive maintenance help

- Overload counter (digital: load cell by load cell).
- Alert display on 3 levels according to the number of weighings taken.

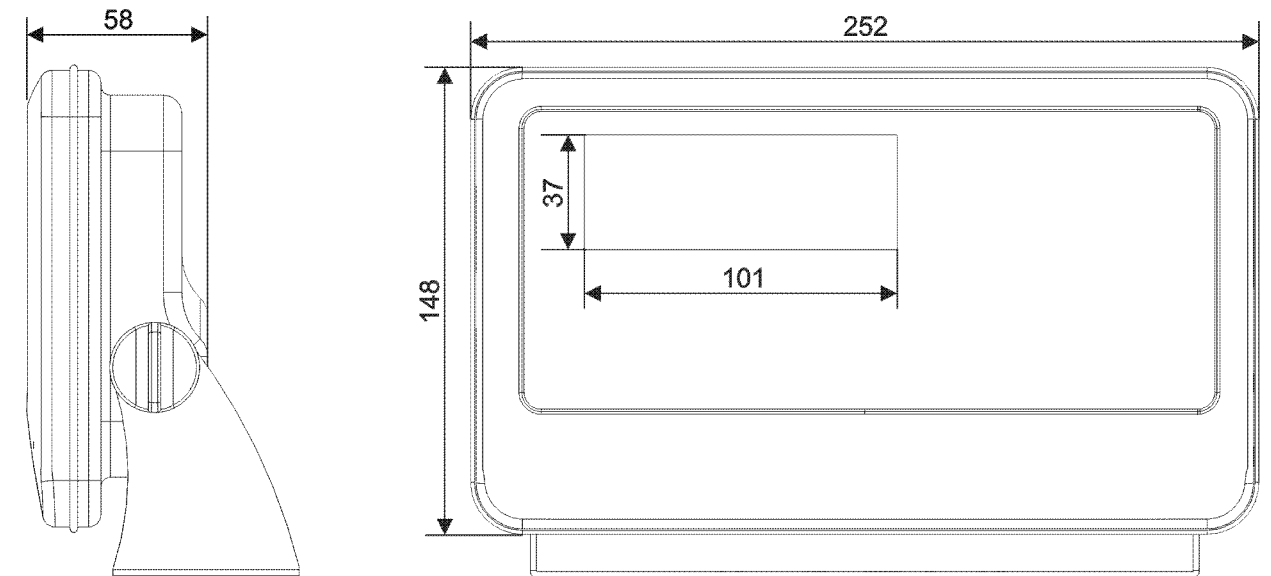
Communication

- ▼ To the remote weight display, selectable:
 - On PMNet network (from the junction box):
 - 1 RS232/RS485 port;
 - 1 CANopen bus (option).
- ▼ Protocols
 - PM A+ slave, PM A+ master
 - PM master D
 - RTU Modbus (Serial bus)

Certification

- ▼ Metrology
 - Test certificate issued by a notified body in accordance with Directive 2009/23/CE for Non-Automatic Weighing Instruments.
- ▼ Electromagnetic Compatibility
 - Complying with the requirements of Directive 2004/108/CE.
- ▼ Low Power
 - Complying with the requirements of Directive 2006/95/CE.

Technical characteristics



Power supply

- Voltage/ Frequency..... 90-230 V AC/ 50-60 Hz

Inputs – outputs

- Digital outputs galvanically isolated 48 V AC/DC - 100 mA
- Digital inputs galvanically isolated 8-30 V DC - 15 mA max.

Environment

- Service temperature (regulated use)..... - 10 °C / + 40 °C (at 80% max. relative humidity, non-condensing)
- Service temperature (non-regulated use)..... - 15 °C / + 60 °C (at 80% max. relative humidity, non-condensing)
- Storage temperature..... - 20 °C / + 65 °C (at 90% relative humidity, non-condensing)

Examples of tickets

▼ Single weighing



▼ Weighing with predetermined tare



▼ Dual weighing



▼ Weighing with tare

