FLYNET50

SMART WEIGHING INDICATOR

MADE IN ITALY

Keep in touch

BILANCIAI GROUP

Designed to be connected

The new generation **FLYNET50** indicator is characterised by **high operating speed**, **intuitive use**, **easy data management** and **sharing**, and **high** connectivity **performance**.

It represents the ideal solution for many applications:

- Vehicle recognition weighing, vehicle weighing with access control
- Weighing on bench or floor scales in industrial environments
- Pre-packed products control
- Manual dosing
- Waste weighing and traceability
- Part count
- Filling control

Plus all weighing processes that require a quick and reliable data exchange with company management systems.

THEMES SELECTION

DIAGNOSTICS SYSTEM FOR ACCIDENTAL ERRORS

AUTOMATION DEVICES MANAGEMENT

HIGH PERFORMANCE CORE

LAN CONNECTION

VIRTUAL PRINTER FOR WEIGHING DOCUMENTS

SECONDARY WIDE MONITOR VIA HDMI

PRODUCT CODE DATA ENTRY

TOOLS SET

DATA MANAGER

FLYNET 50 Wall-mounted version

Efficient data management

- Data sharing with a SQL server relational database for flexible data management.
- Export data in .CSV format by transferring them through FTP protocol or by saving them on a USB Flash Disk device.
- PC Windows application for remote database management.
- Possibility to archive the weighing ticket in PDF
- Automatic data transmission by e-mail (e.g. weighing ticket PDF, malfunction warning messages such as out-of-paper messages etc.)

Connectivity

FLYNET 50 IS ABLE TO INTERFACE WITH ALL MODERN IT DEVICES AVAILABLE ON THE MARKET

FLYNET 50 equipped with STB Q3 printer

Optionals

SERIAL OUTPUT CARD

It allows managing 2 additional serial outputs besides the two provided

- RS232, RS422, RS485 optoisolated formats
- Outputs on DSUB 9-pole connector
- Programmable Baud Rate

INPUT/OUTPUT CARDS

- There are 8 inputs and 12 outputs for each card
- Input: with galvanic insulation Vmax 24 Vdc
- Output: Optomos Vmax 24 Vac/Vdc Imax 200 mA
- Inputs/Outputs on 25-pole DSUB
- DSUB-25-pole interface cable / terminal block

Wi-Fi COMMUNICATION DEVICE

- External option (Bridge ETH/Wi-Fi)

DIGITAL-INPUT CARD/ANALOGUE OUTPUT-INPUT

Multi-purpose optional card

- 1 analogue output 0-10V/4-20 mA
- 2 impulse count inputs Freq max 2 kHz
- 1 analogue input 0-10 V/4-20 mA
- HDMI card for external repeaters

ANALOGUE SCALE INTERFACE CARD

- Internal resolution up to one million points, conversion speed up to 100 conversions/second
- Digital filters that can be customised by SW parameters

DIGITAL

- Optoinsulated RS485 interface with proprietary protocol
- Diagnostic management of digital cells (conversion, power supply, temperature, etc.)
- Automatic software correction of the eccentric load
- Cell power supply from 10 to 18 Vdc, it can be varied automatically depending on the cable length

1) SLOT FOR OPTIONAL CARDS
- I/O CARDS
- ANALOGUE OUTPUT
2) SCALE 1
SCALE 2 OPTIONAL
3) NO. 3 SERIAL PORTS RS 232/RS422
3A) NO. 2 OPTIONAL SERIAL PORTS
4) NO. 2 I/O OPTOISOLATED
5) ETHERNET PORT 10/100 Mbps
6) NO. 4 USB HOST PORTS
7) 12V POWER SUPPLY THROUGH EXTERNAL POWER SUPPLY UNIT
8) OPTIONAL HDMI OUTPUT

ET50

Technical features

PROCESSOR	DUAL CORE 1 GHz
RAM	512 MByte
MEMORY	1 GByte Flash Memory on board
DISPLAY	5.7" TOUCH SCREEN colour display, utilising TFT technology with LED backlight
ETHERNET PORT	10/100 MBps
USB	No. 4 USB ports Host A type (mouse, external keybord etc)
SERIAL OUTPUTS	N° 3 RS232/RS422 + 2 RS232/RS422 OPTOISOLATED OPTIONAL serial outputs for connection to printers, repeaters, barcode readers, PC, etc.
SLOT EXPANSIONS	2 slots for dedicated expansions (digital I/O, Analogue I/O, etc.)
ALIBI MEMORY MPP	Alibi Memory/MPP Metrological Protocol
POWER SUPPLY	110-240 VAC, 50/60 Hz with external power supply; 12VDC direct internal power supply

It can be connected up to 2 analogue or 2 digital scales	
LOAD CELL POWER SUPPLY VOLTAGE	Analogue load cell 5VDC or 10VDC
A/D CONVERTER	Sigma Delta 24 bits, digital filtering, +5VDC power supply, 6-wire connection
MAX NO. OF ANALOGUE CELLS	12 cells with 350 Ohm impedance for each scale (12+12 in a duplex version)
MAX NO. OF DIGITAL CELLS	16 WITH ONE SCALE, 8+8 in the double scale version (duplex)

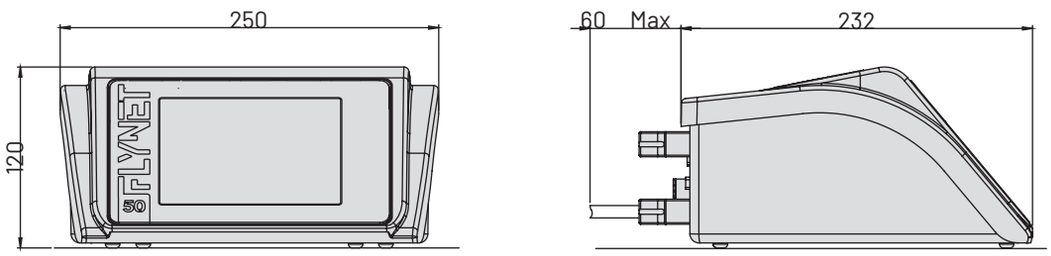
CE approval

up to 6000 divisions
Multidivision and Multirange versions
(3x3000 o 2x4000)

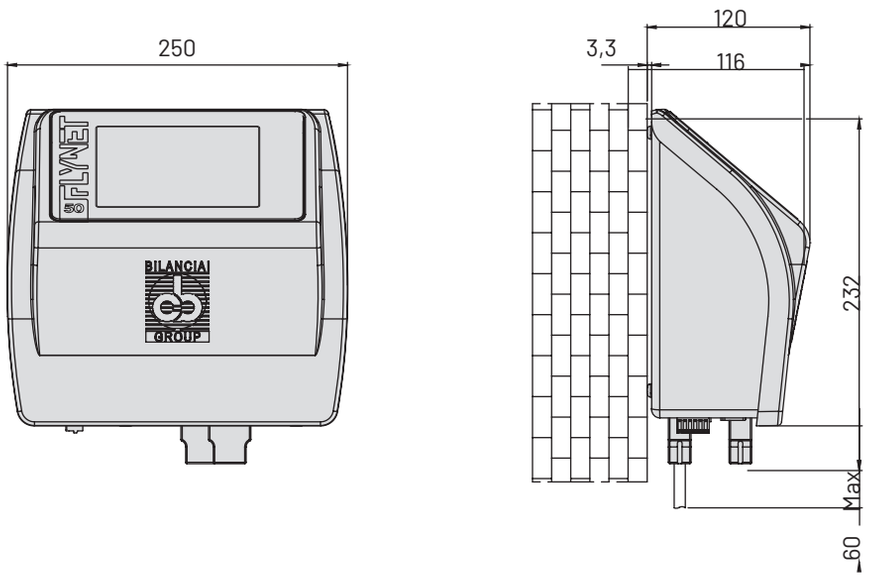
OIML certificate

NTEP approval

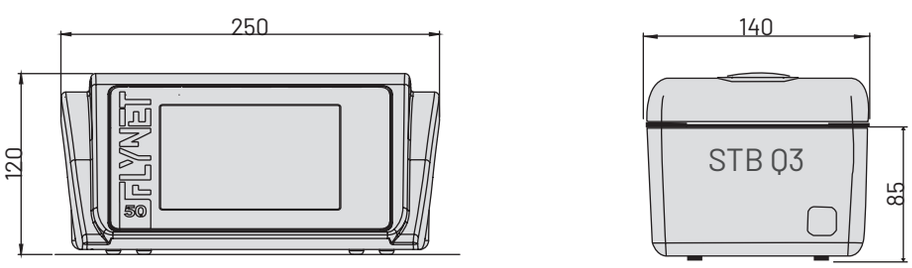
FLYNET50
Desktop
version



FLYNET50
Wall-mounted
version



FLYNET50
equipped with
STB Q3 printer



With the aim of improving our products from a technological point of view, we reserve the right to at any time without prior notice make changes and modifications to the products shown in the above photographs. - N. 81190505 - 1269 - **netstudio**

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