

FLYNET50

SMART WEIGHING INDICATOR



FAST ✓
RELIABLE ✓
EASY TO USE ✓



Keep in touch

PARKERFARM 
WEIGHING SYSTEMS

FLYNET

Designed to be connected

The new generation **FLYNET50**, **FLYNET50i** and **FLYNET50ic** indicator are characterised by **high operating speed**, **intuitive use**, **easy data management** and, **sharing**, and **high connectivity performance**.

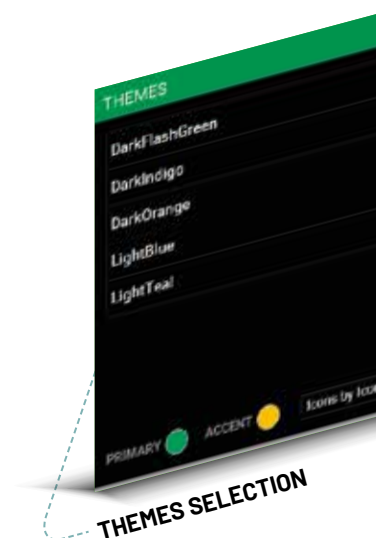
It represents the ideal solution for many applications:

- 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.

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.)



FLYNET50



FLYNET50 (WALL MOUNTED VERSION)

HIGHLIGHTS

DIAGNOSTICS SYSTEM FOR ACCIDENTAL ERRORS

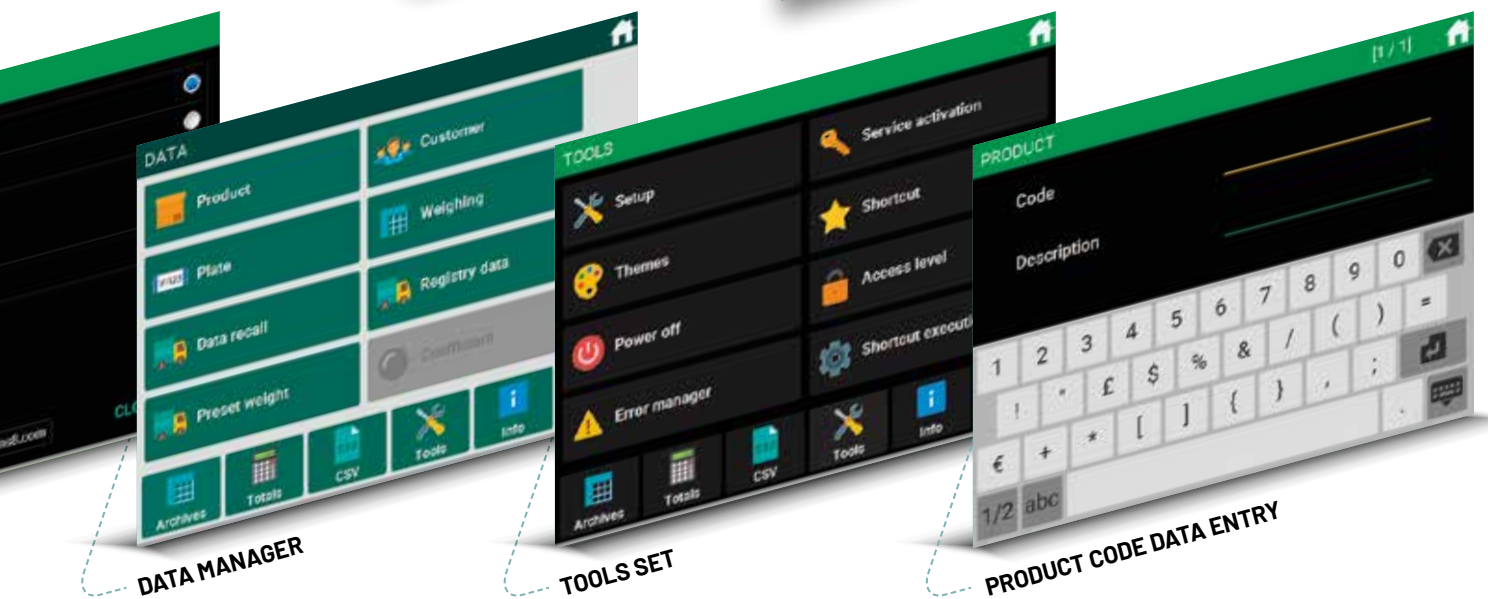
AUTOMATION DEVICES MANAGEMENT

HIGH PERFORMANCE CORE

LAN CONNECTION

VIRTUAL PRINTER FOR WEIGHING DOCUMENTS

SECONDARY WIDE MONITOR VIA HDMI



FLYNET50 i (IP 69K PROTECTION DEGREE)



FLYNET50 ic

Optionals Hardware

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 V_{max} 24 Vdc
- Output: Optomos V_{max} 24 Vac/Vdc I_{max} 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

not available for Flynet 50 I

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

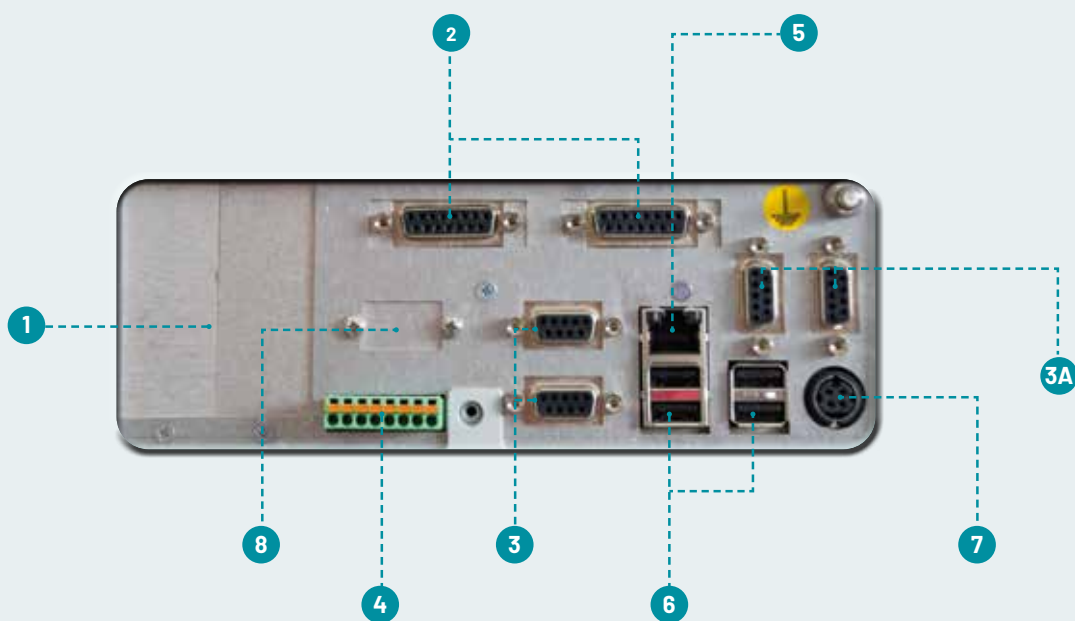
DIGITAL

- Optoisolated 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



FLYNET 50 equipped with STB Q3 printer

FLYNET



- | | | |
|--|--|---|
| 1) SLOT FOR OPTIONAL CARDS
- I/O CARDS
- ANALOGUE OUTPUT | 3) NO. 3 SERIAL PORTS
RS 232/RS422 3A)
NO. 2 OPTIONAL SERIAL PORTS | 6) NO. 4 USB HOST PORTS |
| 2) SCALE 1
SCALE 2 OPTIONAL | 4) NO. 2 I/O OPTOISOLATED | 7) 12V POWER SUPPLY THROUGH
EXTERNAL POWER SUPPLY UNIT |
| | 5) ETHERNET PORT 10/100 MBPS | 8) OPTIONAL HDMI OUTPUT
<i>not available for Flynet 50 I</i> |

Optionals Software

- **PDF PRINTER** for the printing of the weighing ticket in electronic form
- **NETWORK PRINTER** for the printing of the weighing ticket via a company network printer
- **FISCAL MEMORY/ALIBI MEMORY (mpp)** to ensure the traceability of the fiscal weighing when the data are sent to a third party operational system



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

Connectivity

50

Technical features

FLYNET

		50	50 i	50 ic
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 keyboard 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	✓	✓	✓
MATERIAL	AISI 304 STAINLESS STEEL		✓	✓
POWER SUPPLY	UGH EXTERNAL TRANSFORMER 110/240 Vac (-15% ... +10%), 1.8 A, 50/60 Hz, 60W Max (included)	✓		✓
	DIRECT ON THE CPU 12 Vdc, 3 A (Min 11 Vdc - Max 15 Vdc)		✓	
	THROUGH INTERNAL TRANSFORMER L+N+R 110/240 Vac (-15% ... +10%), 1.8 A, 50/60 Hz, 60W Max		✓	
IT CAN BE CONNECTED	UP TO 2 ANALOGUE OR 2 DIGITAL SCALES	✓	✓	✓
SUPPLY VOLTAGE ANALOGUE LOAD CELLS	5VDC o 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)	✓	✓	✓
SUPPLY VOLTAGE DIGITAL LOAD CELLS	10-18 VDC	✓	✓	✓
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

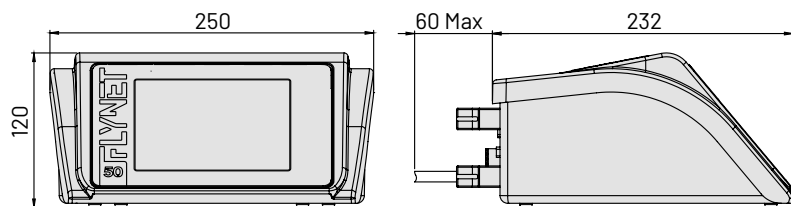


NTEP Approval

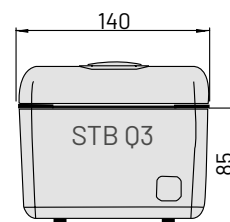


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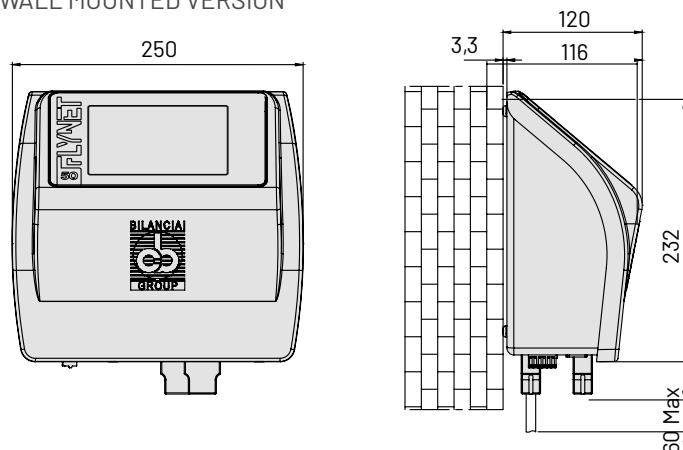
DESKTOP VERSION



STB Q3 PRINTER

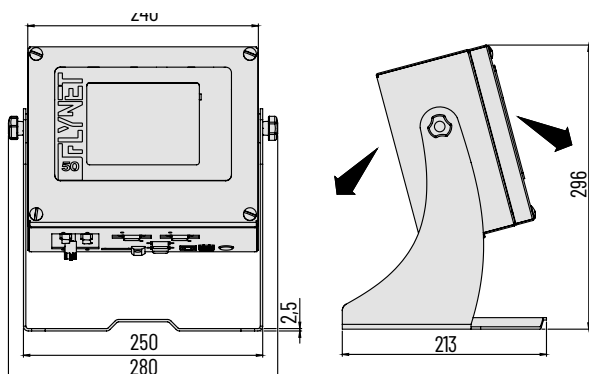


WALL MOUNTED VERSION

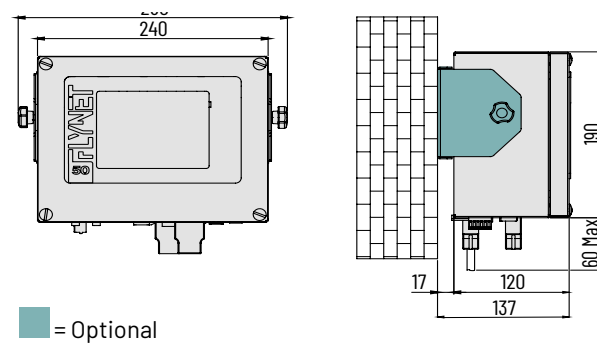


FLYNET50

DESKTOP VERSION



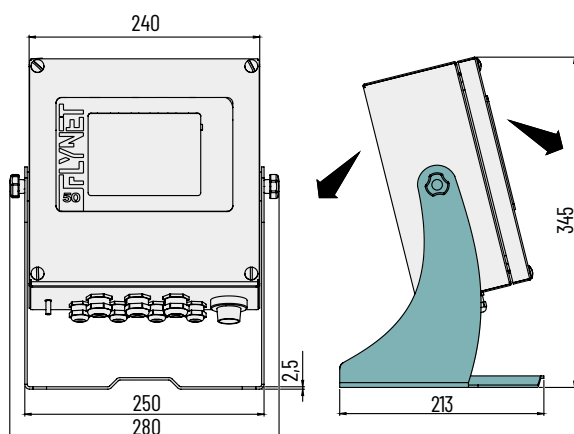
WALL MOUNTED VERSION



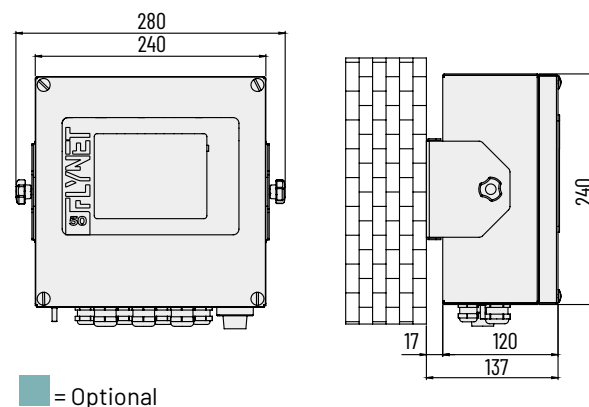
■ = Optional

FLYNET50 ic

DESKTOP VERSION



WALL MOUNTED VERSION



■ = Optional

FLYNET50 i

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PARKERFARM 
WEIGHING SYSTEMS