

SOCIETÀ COOPERATIVA
BILANCI
Strumenti e Tecnologie per Pesare



FLYNET50

FLYNET 100 i

FLYNET

WEIGHING INDICATORS
TOUCH SCREEN

- FAST
- RELIABLE
- USER FRIENDLY



HIGH PERFORMANCE CONNECTIVITY

The next generation indicators

FLYNET50, FLYNET50i, FLYNET50ic,

FLYNET 100i and FLYNET 100ic

feature **HIGH OPERATING SPEED,**

EASE OF USE, DATA MANAGEMENT AND SHARING,
COMBINED WITH HIGH PERFORMANCE CONNECTIVITY.

This new line of indicators represents the best solution for a wide range of applications:

- Vehicle recognition weighing, weighing of vehicles with access control
- Weighing on bench or floor scales in industrial environments
- Pre-packed products control
- Manual and semi-automatic dosing
- Waste weighing and traceability
- Piece counting

Ideal for all weighing processes that require fast and reliable data exchange with ERP systems.

STRENGTHS

50

- TROUBLESHOOTING TOOLS
- AUTOMATION DEVICE MANAGEMENT
- HIGH-PERFORMANCE PROCESSOR
- BUSINESS NETWORK INTEGRATION
- DIGITAL DOCUMENT CREATION
- CONNECTION TO MAXI DISPLAY



FLYNET50



FLYNET50
(WALL-MOUNTED VERSION)



FLYNET50i
(IP69K PROTECTION RATING)

EFFECTIVE DATA MANAGEMENT

- Data sharing with **SQL server** relational database via PC application (not included)
- Data export in CSV format, transmission through FTP protocol or storage on USB Disks
- Possibility of saving the weight ticket in **PDF format**
- Automatic email **notifications**
(i.e. PDF of weight ticket, error messages such as out of paper and so on)



THEMES SELECTION



TOOLS SET

PRODUCT CODE DATA ENTRY

- **POSSIBILITY TO CONNECT UP TO 4 INTERNAL/REMOTE SCALES**
- **10.4" TOUCH SCREEN MAXI DISPLAY**



100



FLYNET50ic



FLYNET 100i
(WALL-MOUNTED VERSION)



FLYNET 100ic

HARDWARE OPTIONS

SERIAL OUTPUT CARD

Allows managing 2 extra serial outputs in addition to the two already supplied

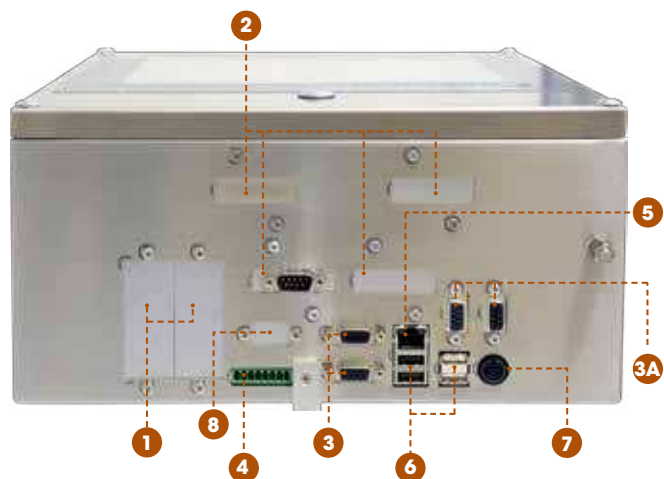
- RS232, RS422, RS485 opto-isolated formats
- Outputs on 9-pole DSUB connector
- Programmable Baud Rate

INPUT/OUTPUT CARD

- 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
- 25-pole DSUB/terminal box interface cable (optional)

ANALOGUE SCALE INTERFACE CARD

- Internal resolution up to one million dots
- Conversion speed up to 100 per second
- Digital filters that can be customised by SW parameters



Lower part "Flynet 100 ic" version

DIGITAL INPUTS / ANALOGUE OUTPUT CARD

Multi-purpose optional card

- 1 analogue output 0-10V/4-20 mA
- 2 pulse counter inputs, max frequency 2 kHz
- 1 analogue input 0-10 V/4- 20 mA

HDMI OUTPUT CARD FOR EXTERNAL REPEATERS (not available for Flynet 50 i version)

FIELD BUS EXTERNAL MODULES

External modules can be connected to the weight indicator (for instance: profibus, profinet, ethernet/IP, modbus)

WiFi COMMUNICATION DEVICE

- External option (ETH-/WiFi Bridge)

DIGITAL SCALE INTERFACE CARD

- Opto-isolated RS485 interface with proprietary protocol
- Digital load cell diagnostic control (conversion, power supply, temperature, and so on)
- Automatic software correction of the off center load
- Load cell power supply from 10 to 18 Vdc, self-adjusting

- 1) N° 2 SLOTS FOR OPTIONAL CARDS
- 2) UP TO N° 2 ANALOGUE OR DIGITAL SCALES (Flynet 50)
UP TO N° 4 ANALOGUE OR DIGITAL SCALES (Flynet 100)
- 3) N° 3 RS 232/RS422 SERIAL PORTS
- 3A) N° 2 OPTIONAL SERIAL PORTS
- 4) N° 2 OPTOISOLATED I/O
- 5) 10/100 Mbps ETHERNET PORT
- 6) N° 4 USB HOST PORTS
- 7) 12V POWER SUPPLY THROUGH EXTERNAL POWER SUPPLY
- 8) OPTIONAL HDMI OUTPUT (not available for Flynet 50 i version)

CONNECTIVITY

FLYNET 50 AND 100 CAN CONNECT WITH ALL MODERN IT DEVICES AVAILABLE ON THE MARKET.



STB2080
FLYNET PRINTER

AVAILABLE SOFTWARE FUNCTIONS

- **PIECE COUNTER**
- **E-CHECK**
- **MANUAL/SEMI-AUTOMATIC DOSING**
- **SOLAS**
- **SPECIAL OPTIONS AVAILABLE UPON REQUEST**

SOFTWARE OPTIONS

- **PDF PRINTER**
to generate the weight ticket in electronic format
- **NETWORK PRINTER**
to generate the weight ticket through a network printer
- **FISCAL MEMORY/ALIBI MEMORY (MPP)**
to ensure the tracking of fiscal weights when the data is sent to a third-party ERP system

TECHNICAL SPECS.

FLYNET

		50	50i	50ic	100i	100ic
PROCESSOR	1 GHZ DUAL CORE	✓	✓	✓	✓	✓
RAM	512 MByte	✓	✓	✓	✓	✓
MEMORY	1 Gbyte Flash on board	✓	✓	✓	✓	✓
DISPLAY	TFT Technology, LED backlighting with touch screen	5.7"	5.7"	5.7"	10.4"	10.4"
ETHERNET PORT	10/100 MBps	✓	✓	✓	✓	✓
USB	N° 4 USB ports - Type A Host (mouse, external keyboard, etc.)	✓	✓	✓	✓	✓
SERIAL OUTPUTS	N° 3 RS232/RS422 + 2 OPTIONAL RS232/RS422 Opto-isolated for connection to printers, repeaters, barcode readers, PCs, etc.	✓	✓	✓	✓	✓
EXPANSION SLOTS	2 slots for dedicated expansions (Digital I/O, Analogue I/O, etc.)	✓	✓	✓	✓	✓
MPP ALIBI MEMORY	Metrological archiving of transmitted weights	✓	✓	✓	✓	✓
MATERIAL	AISI 304 STAINLESS STEEL		✓	✓	✓	✓
POWER SUPPLY	THROUGH EXTERNAL 110/240 Vac TRANSFORMER (-15% ... +10%), 1.8 A, 50/60 Hz, 60W Max (included)	✓		✓		✓
	DIRECT ON CPU 12 Vdc, 3 A (Min 11 Vdc - Max 15 Vdc)	✓	✓	✓	✓	✓
	THROUGH INTERNAL L+N+R 110/240 Vac (-15% ... +10%) TRANSFORMER, 1.8 A, 50/60 Hz, 60W Max		✓		✓	
POSSIBILITY TO CONNECT	ANALOGUE OR DIGITAL SCALES	2	2	2	4	4
ANALOGUE LOAD CELLS SUPPLY VOLTAGE	5VDC or 10VDC	✓	✓	✓		
	10VDC				✓	✓
A/D CONVERTER	Sigma Delta 24 bits, digital filtering, +5VDC power supply, 6-wire connection	✓	✓	✓	✓	✓
	Dual slope converter, 10V power supply, 6-wire connection	✓	✓	✓	✓	✓
MAX NUMBER OF ANALOGUE LOAD CELLS	12 cells with 350 Ohm impedance for each scale	✓	✓	✓	✓	✓
DIGITAL LOAD CELLS SUPPLY VOLTAGE	10-18 VDC	✓	✓	✓	✓	✓
MAXIMUM NUMBER OF DIGITAL LOAD CELLS	16 for each single scale, 24 total load cells on multiple scales (with special power supply option)	max 2	max 2	max 2	max 4	max 4
DEGREE OF PROTECTION			IP69K		IP69K	

CE Approval



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

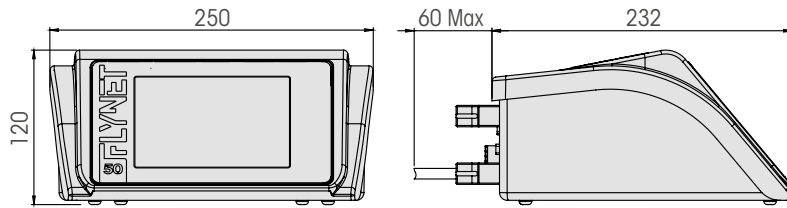
OIML Certificate



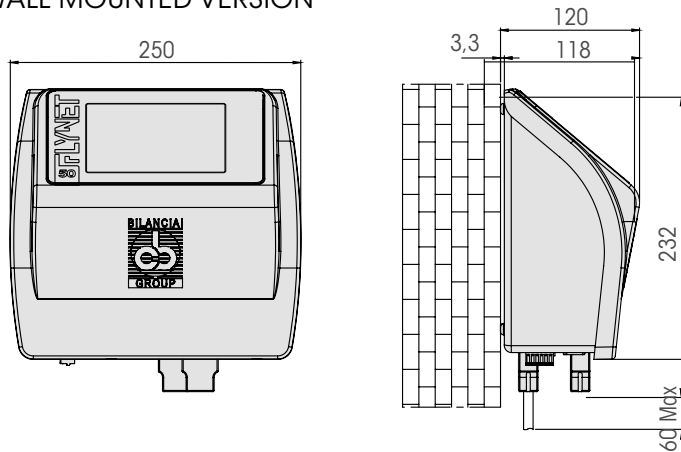
NTEP Approval



DESK MOUNTED VERSION

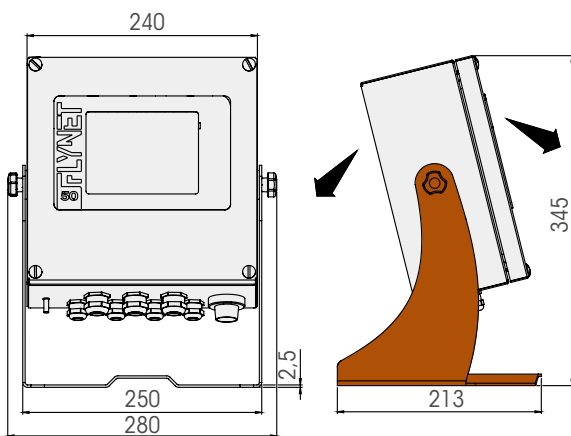


WALL MOUNTED VERSION

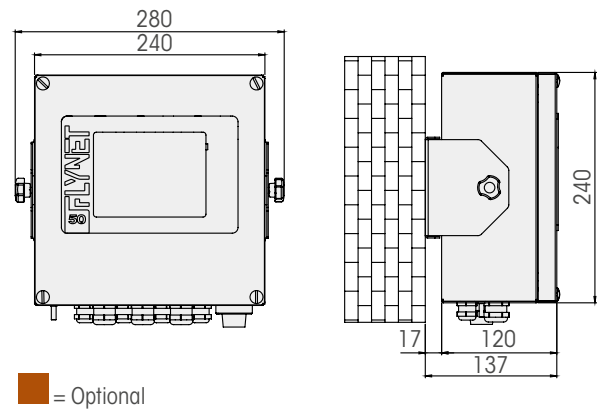


FLYNET50

DESK MOUNTED VERSION



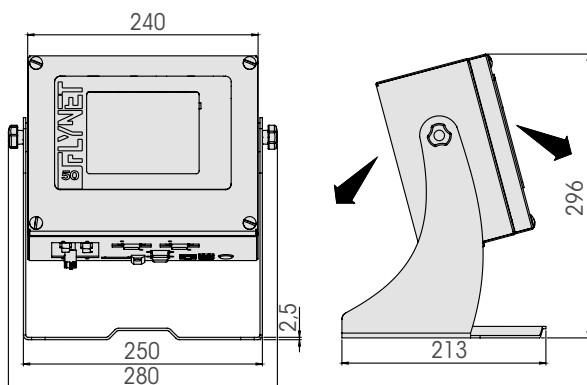
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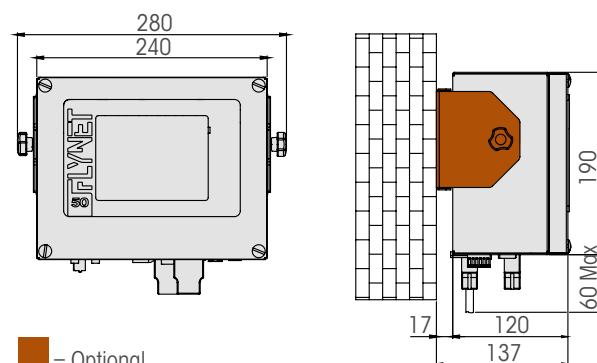
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FLYNET50i

DESK MOUNTED VERSION



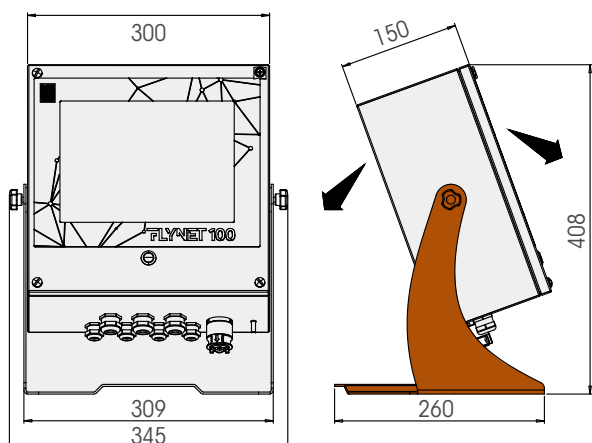
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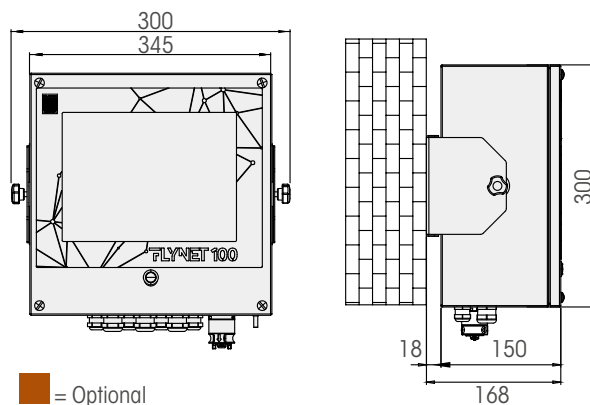
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FLYNET50ic

DESK MOUNTED VERSION



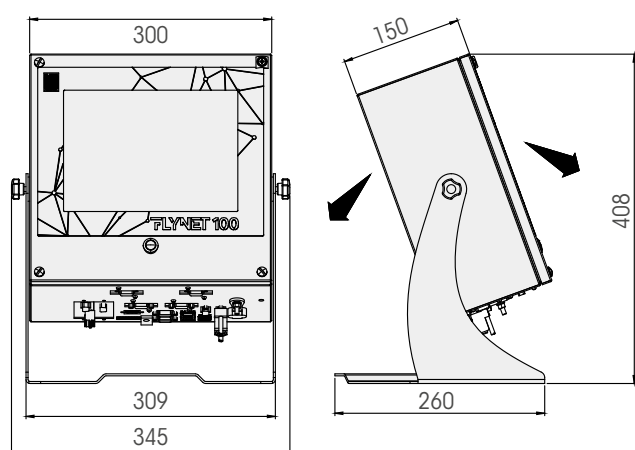
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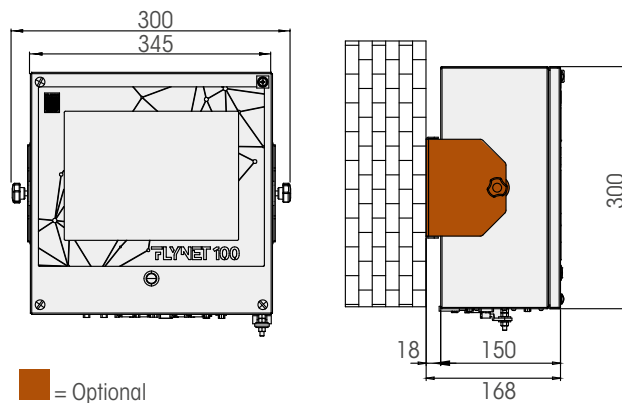
■ = Optional

FLYNET 100i

DESK MOUNTED VERSION



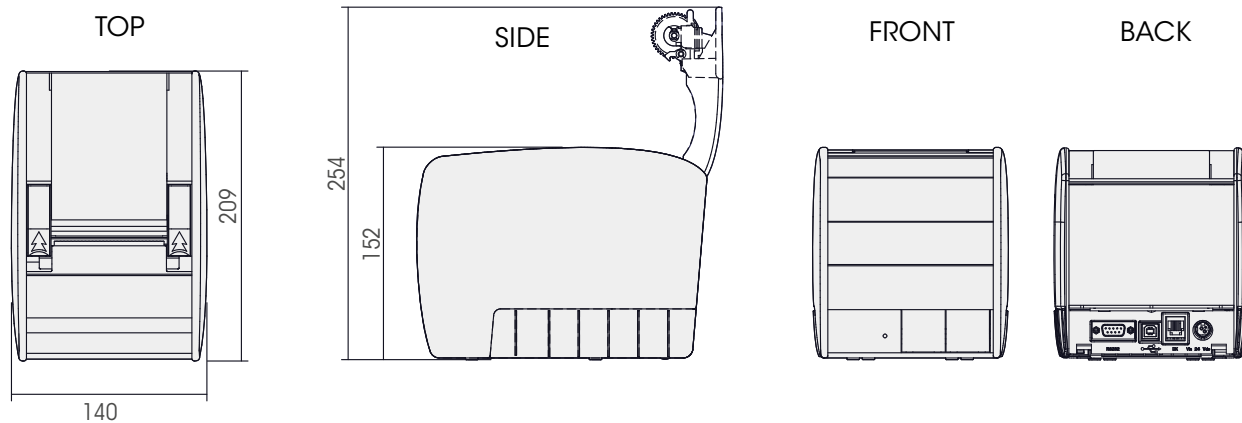
WALL MOUNTED VERSION



■ = Optional

FLYNET 100ic

PRINTER STB2080





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