

HY10 WEIGHING TERMINAL



release date 24-02-2016



HY10 terminal is a constructional component of load cell scales, dosing devices, formula-making scales and sets designed to perform operations such as labelling and counting.

Construction

HY10 terminal is housed in a stainless steel casing with IP68/69. The terminal features 10,1" touchscreen display and numerous ports allowing connection of various devices: 2 weighing platforms, barcode scanner, printer, labeller, transponder card reader and PC equipment (mouse, computer keyboard, USB flash drive).

Area of use

- ✓ Industrial weighing systems, favouring PUE HY10 application owing to its solid, durable construction and ease of operation.
- ✓ Industrial systems intended for the following operations performance:
 - counting,
 - labelling,
 - dosing,
 - making formulas.
- ✓ Industrial weighing systems operating in cooperation with systems designed for automatic control – cooperation possible due to numerous INs and OUTs.



Technical specification:















HY 10

Housing	stainless steel
IP rating acc. to PN-EN 60529	IP 68 / IP 69
Display	10,1" colour widescreen display 1024×600 with a capacitive touchscreen
Power supply	100 ÷ 240V AC 50÷60Hz
Optional power supply	external 10 ÷ 24V DC
Working temperature	-10°C ÷ +40°C
Atmospheric humidity	10 ÷ 85 % RH non-condensing conditions
OIML Class	II, III
Verification scales number	6000
Max input signal	19,5 mV
Max voltage per verification scale interval	3,25 µV
Min voltage per verification scale interval	0,4 µV
Min load cell impedance	50 Ω
Max load cell impedance	1200 Ω
Load cell power supply	5V
Connection of load cells	4 or 6 cables + screen
Standard platform quantity	1
Optional platform quantity	Maximum 6 (2 x internal weighing module + 4 x external weighing modules)
Processor	NVIDIA Cortex A9 2×1 GHz
Memory	256 MB DDR2, 8GB – microSD card
System	Windows Embedded Compact 7
RS232	2 x Hermetic connector
USB	1 x Hermetic connector M12, 1 x Hermetic connector USB A
Ethernet	10/100 Mb, 1 x Hermetic connector RJ45
IN / OUT	4IN- port, 4OUT - port
Optionally:	
IN12 Module	12IN / 12OUT - cable gland
AN Module	Current loop 4-20mA, 0-20mA; voltage loop 0-10V
PROFIBUS Module	2x connector M12 5P coding B
CAN Open Module	2x connector M12 5P coding A
RS232	1 x Hermetic connector
Multirange device	YES

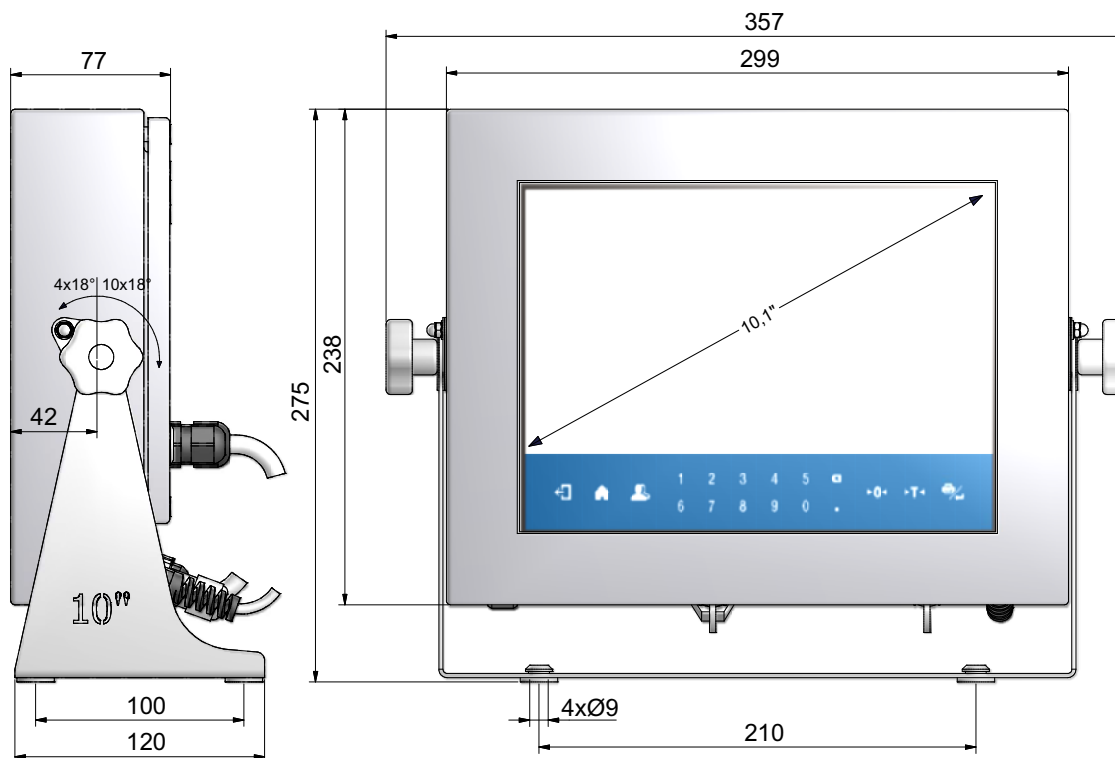
IN/OUT PARAMETERS	OUT 1 ÷ OUT 4 *	IN 1 ÷ IN 4 *
IN / OUT type	Solid-state relay of NO type	Optoisolated
Wire cross-section	0,14 ± 0,5 mm ²	
Max switching current	500 mA DC, 500 mA AC	
Max forward voltage	30 V DC, 30 V AC	
Control voltage range	5 ÷ 24 V DC	

* Chart overviewing IN / OUT parameters applies to additional IN / OUT modules.

FUNCTIONS:

-  Parts Counting
-  Labelling
-  Dosing
-  Checkweighing
-  Packaged Goods Control
-  Density Determination
-  Formulation
-  Differential Weighing
-  Plus/Minus Control
-  Totalizing
-  Peak Hold
-  Percent Weighing
-  Animal Weighing
-  Statistics
-  Newton Unit Measurement
-  Replaceable unit
-  ALIBI Memory

Dimensions:



Supplementary equipment:

Impact printers:	Barcode scanners:
EPSON TM-U220D – standard version	LS2208 – intended for standard operating conditions, standard version
EPSON TM-U220B – with an autocutter	PowerScan D8330 – intended for severe operating conditions IP56
EPSON TM-U220A – with an autocutter and a copy-winder	PowerScan M8300 – intended for severe operating conditions IP56 cordless system
Label printers:	Transponder card readers:
CITIZEN CL-S521	CK-01/3
CITIZEN CL-S621	CK-02/3
CITIZEN CL-S631	
CITIZEN CL-S700	CABLES:
CITIZEN CL-S700R	PT0087 – for EPSON, CITIZEN and other printers on USB
ZEBRA GK 420d	PT0019 – for EPSON, CITIZEN printers via RS232
ZEBRA GK 420t	PT0022 – for ZEBRA printer via RS232
ZEBRA GX 420t	PT0212 – straight-thru Ethernet cable with RJ45 connector
ZEBRA GX 430t	PT0020 – RS232 cable
ZEBRA ZT 220	
ZEBRA ZT 41042	