

integra Singular 108



General Information:

Printing technology:	Thermal Inkjet Technology
Supported printing technology	HP
Max. Number of printheads	1
Max. number of production lines	1
Weight:	10200 g (without ink)
Length:	
Width:	see drawings in the appendix
Height:	
Temperature range:	10 to 40°C
Relative humidity, maximum (non-condensing):	30 to 85 %
Protection class	IP40
Maximum operating time:	~25l (then replace)

Special features:

- 108 mm closed print image
- Large print distance to the product (up to 10 mm)
- Printing technology and central ink supply enable simple integration
- Cost-effective printing with large print runs
- Speeds up to 150 m/min at 600 dpi
- High-contrast and sharp-edged printing of 1D and 2D barcodes, graphics and text
- SmartCard technology enables the comparison of relevant consumption data in real time
- Water-based ink ideal for printing on absorbent surfaces in the food industry
- Ink cartridge with large ink supply (max. 750 ml)

Restrictions:

- Only water-based inks available for absorbent surfaces

Electrical:

Input voltage at the device	100 - 240 V AC / 50-60Hz (1~)
Current consumption, max.	4,2 A
Power consumption	201 W
Power consumption 48V avr	0,85 A
Power consumption 48V, max.	2,25 A

Connections:

Sensor	M8 4-pole
Encoder	M8 4-pole
In-/ Outputs	M12 8-pole
EIA 232	Sub-D 25 pole
USB	USB-C socket for stick
Ethernet	RJ45

Data interfaces:

EIA 232	Sub-D 25 pole
Ethernet	RJ45
USB	USB-C socket for stick

Performance data:	
Cable length in m	2,6
Text layout	integra Command Software
Parameter input	integra Command Software
Fonts	all available Windows fonts optional: customer-specific fonts
Print height in mm	1 to 108
Max. print resolution ¹⁾ in dpi	600 dpi vertical 50 to 900 dpi horizontal
User language Software	German, English, French, Spanish, Japanese and more
Barcodes ¹⁾	EAN 8, EAN 13, EAN 128, Code 2/5, Code 2/5 check, Code 39, Code 39 check, Code 128, DUN14, GS1 Databar, other on request
2D Codes ¹⁾	Datamatrix, GS1 Datamatrix, QR-Code, PPN-Code, other on request
Automatic functions ¹⁾	Date, Time, Counter, Variable, customized links ¹⁾
Graphic	Monochrome Bitmap-graphics can be created with Paint for example, or other software
Print image storage	9 print images for a direct print start, unlimited number for print start via Ethernet / EIA232 / USB-stick
Print image length	4 m
Storage in GB (optional expandable)	4
RAM in MB	32
Max. print speed in m/min at 300 dpi horizontal	
integra Singular 108 Print	30
integra Singular 108 Basic	30
integra Singular 108 Advanced	60
integra Singular 108 Pro	90
Print direction	L/R or R/L, from top or side. Print from bottom is not possible

¹⁾ Not available in all Markoprint integra Singular 108 versions

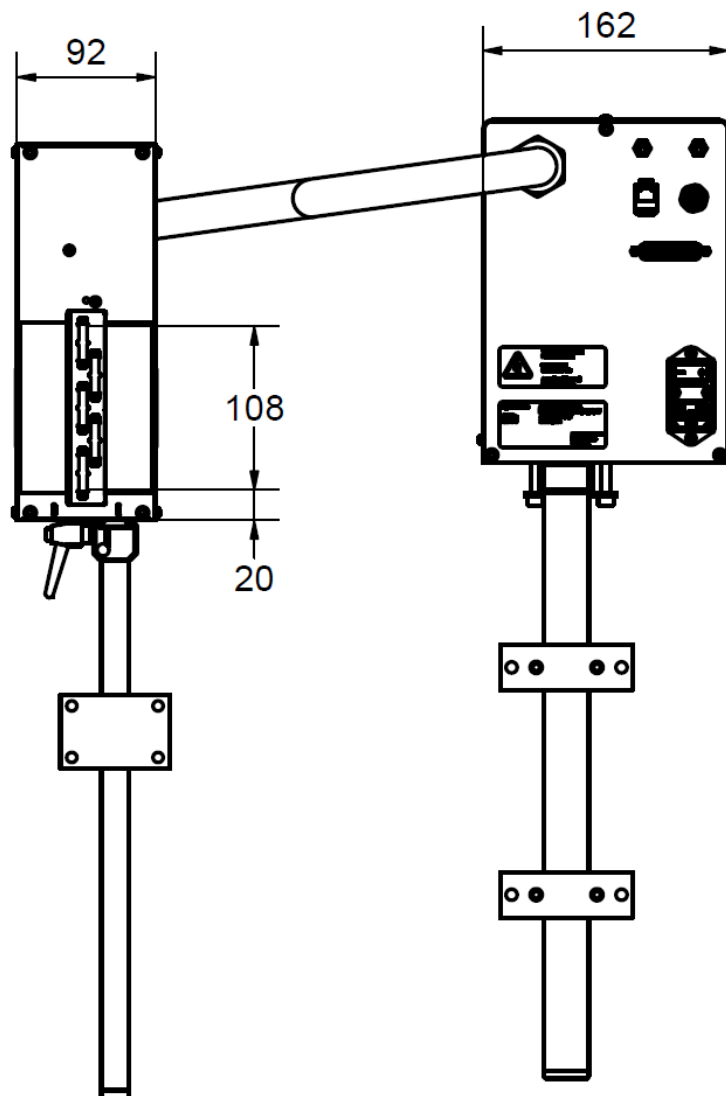
Connections:

External Sensor	1x
Internal Sensor	-
Encoder	1x
Status / Alarm outputs	4x
Potential free contacts	-
Inputs	4x
USB C for USB-Stick	+
USB interface	-
EIA232	+

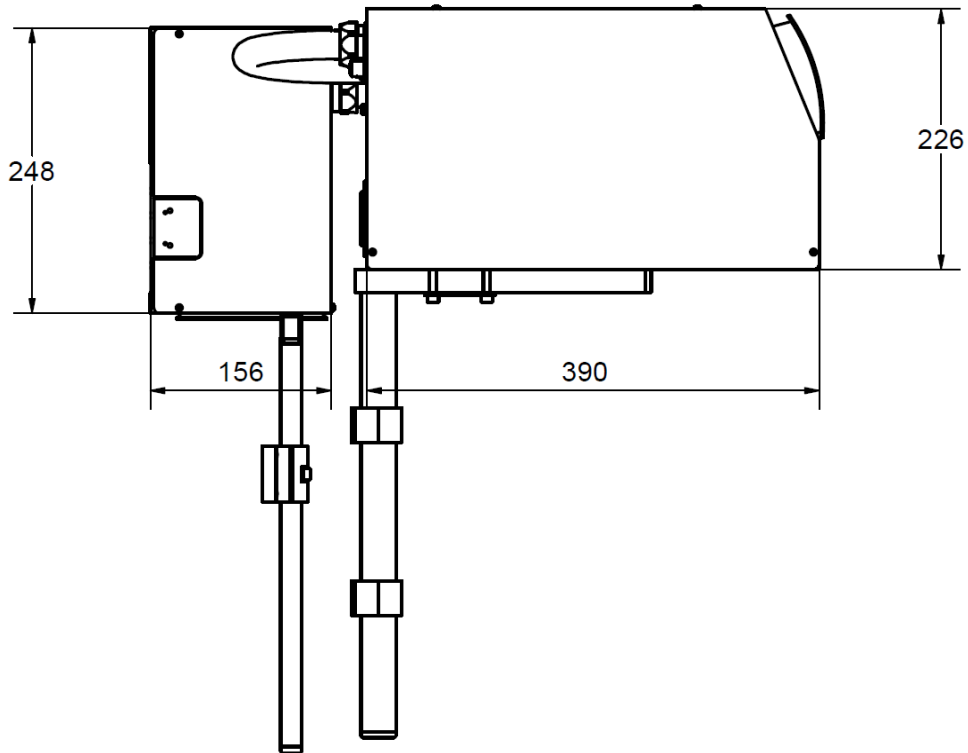
System versions:	Print	Basic	Advanced	Pro
Layout length in m	4			
Text	+	+	+	+
Counter	-	-	+	+
Time	-	+	+	+
Date	-	+	+	+
Date offset	-	-	+	+
Logos	+	+	+	+
Variables	-	-	-	-
Action fields	-	-	+	+
Barcodes	-	-	+	+
2D Codes	-	-	-	+
USB-Stick Data transfer	+	+	+	+
Ethernet interface	+	+	+	+
EIA232	+	+	+	+
Password protection	-	-	-	-
Configurable in-/outputs	+	+	+	+
DBPrint	-	-	-	+

Technical drawings integra Singular 108:

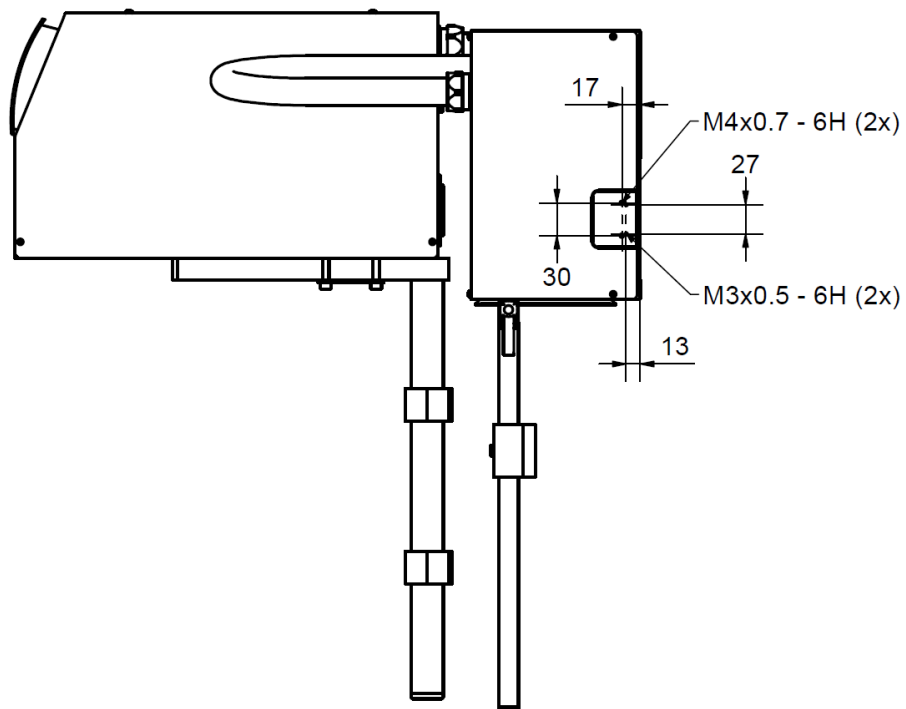
Vorderansicht
front view



Seitenansicht von rechts
side view right



Seitenansicht von links
side view left



Draufsicht
top view

