HP CLASS

integra Singular 108

Thermal printing system of the latest generation TIJ 4.0

- Markoprint integra Singular 108 - Unique in the world of product marking

- 108 mm closed typeface

- Large print distance to the product (up to 10 mm)

- Efficient, sustainable and GMP oriented

- Optimized for water-based inks

TIJ 4.0 - Innovation at the highest level

The integra Singular 108 combines a reliable ink delivery system with the latest HP printhead technology to deliver cost-effective, high-volume printing up to 108 mm print height.

The latest generation TIJ 4.0 thermal printing system with fonts up to 108 mm in combination with high-resolution graphics guarantees flexible application options.

In addition, the integra Singular 108 achieves a remarkable speed of up to 90 meters per minute at a resolution of 600 dpi.

Latest printing technology and central ink supply enable easy integration.

Performance data	
Max. print speed	up to 90 m/min
Print resolution horizontal	50 to 900 dpi
Print resolution vertical	600 dpi
Max. print height	108 mm
Technology	HP
Authentification	SmartCard
Text field	yes
Counter	yes
Time	yes
Date field/ Date Offset	yes
Logo	yes
Variable input	no
Action field	yes
1D-Code / 2D-Code	yes
Data transfer per USB-Stick	yes
Ethernet	yes
EIA232	yes
Password protection	yes
Configurable in- and outputs	yes

Software version	Print	Basic	Advanced	Pro
Max. print speed	30	30	60	90
Max. print resolution vertical	600 dpi	600 dpi	600 dpi	600 dpi
Max. print resolution horizontal	50-900 dpi	50-900 dpi	50-900 dpi	50-900 dpi
Max. print length in m	1	1	2	4
Text field	+	+	+	+
Counter	-	-	+	+
Time	-	+	+	+
Date field	-	+	+	+
Date Offset	-	-	+	+
Logo	+	+	+	+
Variable input	-	-	-	-
Action field	-	-	+	+
1D-Code	-	-	+	+
2D-Code	-	-	-	+
Data transfer per USB Stick	+	+	+	+
Ethernet	+	+	+	+
Password protection	-	-	-	-
Configurable in-/outputs	+	+	+	+
DBPrint	-	-	-	+

+ available, - not available
Technical changes reserved at any time

Powerful and environmentally friendly

The black water-based ink Singular 1 is available in integra Singular 108 for environmentally friendly product marking.

SmartCard technology enables the reconciliation of relevant consumption data in real time and means additional production reliability as well as an increase in efficiency through optimized printing.

In summary, Markoprint in cooperation with HP has created a unique "**Singular**" printing system, which defines new standards in product identification.