

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 150 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 150 m/min |
| Print resolution horizontal | 50 to 900 dpi |
| Print resolution vertical | 600 dpi |
| Max. print height | 108 mm |
| Technology | HP |
| Authentication | SmartCard |
| Text field | yes |
| Counter | yes |
| Time | yes |
| Date field/ Date Offset | yes |
| Logo | yes |
| Variable Input | with HMI |
| 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 | Ultimate |
|----------------------------------|------------|------------|------------|------------|------------|
| Max. print speed | 30 | 30 | 60 | 90 | 150 |
| Max. print resolution vertical | 600 dpi | 600 dpi | 600 dpi | 600 dpi | 600 dpi |
| Max. print resolution horizontal | 50-900 dpi | 50-900 dpi | 50-900 dpi | 50-900 dpi | 50-900 dpi |
| Max. print length in m | 1,6 | 1,6 | 1,6 | 1,6 | 1,6 |
| Text field | + | + | + | + | + |
| Counter | - | - | + | + | + |
| Time | - | + | + | + | + |
| Date field | - | + | + | + | + |
| Date Offset | - | - | + | + | + |
| Logo | + | + | + | + | + |
| Variable Input | - | - | with HMI | with HMI | with HMI |
| Action field | - | - | + | + | + |
| 1D-Code | - | - | + | + | + |
| 2D-Code | - | - | - | + | + |
| Data transfer per USB Stick | + | + | + | + | + |
| Ethernet | + | + | + | + | + |
| Password protection | - | - | - | - | + |
| Configurable In-/outputs | + | + | + | + | + |
| DSPrint | - | - | - | + | + |

+ 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.

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