INSTANT
ISSUANCE

MATICA
TECHNOLOGIES

S3100

S3100

S3100
FINANCIAL CARD PRINTER

Matica S3100 is a desktop direct-to-card printer for in branch financial flat card issuance. Capable in printing up to 260 cards per hour, this easy to use printer meets the growing demand in instant financial card issuance.

Designed specifically to support the financial sector's needs to produce card personalization solutions, the S3100 creates exceptional support for any financial department needing to produce high performance debit cards for new and retained customers.

Benefitting from years of proven expertise in the financial industry, Matica's S3100 continues to proactively support companies through the ongoing programmes that, for example, see payment infrastructures migrate to EMV flexible chip encoding, (contact and contactless). In addition, the S3100 includes a Matica Security Pack for financial issuance, which is a comprehensive set of security features aimed at fulfilling specific requirements for financial card personalization. It fully complies with international regulations of physical and logical security for financial issuance and can be relied upon to take care of businesses seeking to evolve their systems.

A special keylock system secures cards and ribbons in the input and reject hoppers and also in the consumable area. Ribbons are TAG protected to provide an extra value of security, controlling the use of the consumables and to guarantee an outstanding print quality with Matica genuine consumables. Furthermore, a Kensington® lock ensures that the device is protected against misuse and theft.

Superior print speed and print quality and state-of-the-art magnetic and chip encoding, (three tracks, ISO compliant), make the S3100 a prudent business decision for professionals involved in financial card issuance. It can also be used to print gift and loyalty cards.

It´s robust, neat and exceptionally good-looking design enhances the look and feel of any office environment. The S3100 is available as a single, or dual-sided, configuration with front-loading operation. Further product highlights:

- High-speed and high quality printing in both monochrome and color.
- State-of-art magnetic stripe ISO std and EMV compliant contact/contactless encoding
- Ease-of-use, including front operation: automatic feeder, exception feeder, concealed hopper.
- Automatic ribbon recognition and 'remaining consumables' LED status.

The S3100 operates with included MaticardPro software and/or MatiDesk SDK for easy integration into existing card issuance software.

TECHNICAL SPECIFICATIONS

Print method
Color dye sublimation or monochrome resin thermal transfer printer

Print mode
Single or dual side edge to edge printing

Print resolution
300 dpi

Print speed
Monochrome single-sided: up to 850 cph
Color single-sided: up to 260 cph
Color dual-sided: up to 160 cph

Encoding options
Magnetic stripe encoding: ISO, 3 tracks HiCo/LoCo as standard
Contact chip and contactless chip encoding - optional
JIS2 Encoding (option)

Card compatibility
PVC, Composite PVC, ABS (varnished), PET-F and PET-G
ISO CR80-ISO 7810, 7816, 14443A&B
0,25 - 1,25 mm (10 - 50 mil) 0.50 to 1.0mm (20 to 40 mil)

Card hoppers
Output concealed hopper: 30 cards
Reject hopper: 80 cards

Card feeder
Automatic input hopper: 100 cards
Exception feeder

Connectivity
USB 2.0
Ethernet TCP-IP Standard for printing and magnetic encoding
Single-wire connectivity for chip encoding over IP (option)*

Supported operating systems
Windows 7 (32 & 64 bits), 8, 8.1, Win 10

Software
MaticardPro card production software (PCI DSS compliant)
MatiDeskDLL with interfacing SDK
Smart card SDK

Consumables
Matica Genuine Consumables

Printer dimensions (L x W x H)
395 x 200 x 253 mm without reject bin (15.35" x 7.7" x 9.61")
500 x 200 x 253 mm with reject bin (19.11" x 7.7" x 9.61")

Weight
6.6 kg (14.5 lbs)

*Avaialable Q2/2016, includes main board controler (SOM)