

FINANCIAL
INSTANT
ISSUANCE



S3600

BEST IN CLASS INSTANT ISSUANCE SOLUTION

The Matica S3600 is the most comprehensive desktop solution to issue high-quality printed and embossed credit and debit cards instantly, at a branch level. It is also the ideal solution to fit smoothly in multiple self-service kiosk designs thanks to its compact size and front operation.

Based on in-house technologies which are globally well known as a symbol of robustness and reliability of Matica systems for the financial market, the S3600 is the result of several years of experience in developing payment-card issuance solutions.

Matica S3600 offers full-color direct-to-card printing, embossing and indenting personalization combined with magnetic and chip encoding (contact/contactless) for EMV® compliant issuance. The system is fully scalable and the automatic feeder can be upgraded to six hoppers of 100 cards each for a total capacity of 600 cards with up-to six different pre-printed designs.

The S3600 also features a wide range of secure connectivity options, from USB to LAN with Single-Wire Functionality (Smart Class Controller) and real time cloud monitoring that allows the customer to supervise the production of all machines installed at any time.

Electronic and key-control manual locks are available as standard security features to

protect the unauthorized access to the device, both in the top cover to secure consumable access and in the back cover where cards are stocked, as well as the access to the reject hopper.

As all systems of Matica S3000 desktop instant issuance family, the S3600 includes the 'Matica Security Pack' for financial issuance, which is a comprehensive set of security features aimed at fulfilling specific requirements for financial card personalization.

The system has been designed to suit in-branch VISA® and Mastercard® security guidelines and it fully complies with international regulations in the financial instant issuance industry, with physical and logical security features.

- Three or six card hoppers
- Full color direct-to-card printing
- Embossing and Indenting
- Magnetic stripe and chip encoding
- Ideal also for kiosk applications

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TECHNICAL SPECIFICATIONS

Print method	Color dye-sublimation and monochrome Resin Thermal Transfer Single and Dual-sided edge-to-edge printing
Print resolution	300 dpi
Production Speed	Mag. encoding, embossing, rear indenting, tipping - full cycle 58 seconds plus one-side monochrome printing - full cycle 62 seconds plus one-side color printing - full cycle 78 seconds
Encoding	Magnetic stripe encoding: tracks 1, 2 & 3 ISO7811, HiCo/LoCo EMV compliant contact chip encoding EMV compliant contactless chip encoding
Embossing & Indenting	72 character drum Rear Indent
Card compatibility	ISO CR80, ISO7810, ISO7816, ISO14443A&B (53,98 mm x 85,60 mm) 0,64 mm - 0,89 mm (25 mils to 35 mils) Card material: PVC and composite PVC and PET cards
Card feeder	Front manual feeder/eject 3 or 6 automatic feeders: 100 cards each (0,76mm) Concealed card stacker: 30 cards Reject bin: 30 cards
Interface	USB 2.0 Optional LAN (Linux OS) with single wire connectivity and real time cloud monitoring Optional LAN (Embedded PC Win 10) to host Instant Issuance client software
Security	Electronic and key control lock to secure consumable access Electronic and key control lock to secure card hoppers and reject-tray access
Operating System	Windows 7, 8.1, 10 (32 & 64 bits)
Software	MaticardPro, MatiDeskDLL with interfacing SDK, Smart Card SDK
Consumables	chromXpert Consumables
Warranty	1 year or 50.000 cards
Printer dimensions (L x W x H)	700 x 540 x 260 mm
Weight	30kg
Operating Environment	Temperature 10°C – 30°C Humidity: 20% - 80% (non-condensing)



Thanks to the 3 or 6 automatic card feeders of 100 cards each, the S3600 allows the issuance of various type of cards without re-supplying pre-printed/co-branded card stock (example: VISA™, Mastercard™ and Loyalty cards).

- EMV Credit/debit cards
- ATM cards
- Private payment cards
- Pre-paid cards
- Customer/Loyalty cards

Authorized Reseller / System Integrator