

FINANCIAL
INSTANT
ISSUANCE

MATICA
TECHNOLOGIES



S3200HD





S3200HD

FINANCIAL HIGH RESOLUTION RETRANSFER CARD PRINTER

Matica S3200HD is a desktop retransfer printer for financial flat card issuance. Capable of personalizing up to 80 cards per hour, this easy-to-use printer was specifically developed for instant financial card issuance.

The retransfer print technology produces full over-the-edge printing, leaving no unprinted white area around the border of the card, allowing instant issue cards to be printed with brilliant colors that rival the best preprinted cards on the market.

Its ultra-high resolution allows printing crisp, tiny characters, down to a character size of 1,3pt allowing real microtext. Electronic fine-line printing and other sophisticated graphical elements can be printed in exciting, nearly equal to pre-printing quality, adding an extra level of visual security to the financial card.

The S3200HD is capable of producing an EMV-compliant magnetic stripe, contact chip and contactless RFID cards. Owing to its compact size the printer fits neatly into any business setting and boasts a small carbon footprint. Despite being a workhorse designed for continuous operation, the printer is quieter than all the others in its class, and can be used behind the counter without creating distractions.

The S3200HD includes a Matica Security Pack for financial issuance – a comprehensive set of security features that fulfil financial card personalization. It is fully compliant with international regulations around physical and logical security for financial issuance and can be relied upon to take care of businesses seeking to develop their systems.

Internal electronic locks and mechanical keyed locks on the front door and card hoppers prevent unauthorized access to items containing sensitive information. All card hoppers are concealed to protect personal cardholder data.

S3200HD IP secure controller

The S3200HD IP secure controller version provides a valued performance for cloud and web-based applications. This latest solution from Matica provides easier integration with the existing infrastructure in the financial institution and provides an alternative to the standard server solution. The IP secure controller hosts instant issuance software and administration tools offering great benefits such as:

- Optimized data traffic through the network
- Secure data interchange
- Permanent system monitoring

TECHNICAL SPECIFICATIONS

Print Method

Dye-sublimation retransfer (YMCK) / Thermal transfer (Monochrome "K")

Print Mode

Dual-sided

Print Resolution

600 dpi

Performance

YMC/K+PO printing, Mag ISO encoding: up to 45cph

K (front side) printing, Mag ISO encoding: up to 80cph

Chip encoding: add 6 to 15 seconds (customer application dependent)

Printhead

Lifetime warranty (using EDIsecure® materials)

Card Types

PVC, Composite PVC, PET-G, PC

Card Thickness

10 - 40 mil (hopper adjustment required)

Input Hopper Capacity

200 cards (30 mil)

Exception feeder

Output Hopper Capacity

Maximum 75 cards (30 mil)

Reject hopper 10 cards (30mil)

Interface

USB 2.0 and Ethernet

Operating System Support

Windows 7, 8, 10 (32 & 64bits)

Power Supply

100/120 V and 220/240 V, 50/60 Hz FCC, CE, UL, GOST-R, and CCC approved

Operating Environment

15°C to 30°C, 35% to 70% noncondensing humidity

Printer Dimensions (L x W x H)

345 x 411 x 327 mm (13.5" x 16.18" x 12.87")

Weight

15 kg (33.07 lbs printer only)

TECHNICAL SPECIFICATIONS S3200HD IP secure controller

Interface

Host communication: Ethernet TCP-IP 100BaseT

Device connection: USB 3.0 HUB, 1 port available

Software integration

Matica DLL (SDK)

Smart Card SDK