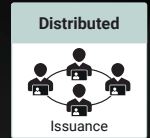
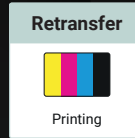


S3200HD



High resolution, financial card issuance



Premium quality retransfer card printer for flat EMV card personalization

Matica's **S3200HD** desktop retransfer printer has been designed specifically for **financial flat card issuance**. It's ultra-high resolution (**600dpi**) enables the printing of crisp, tiny characters, down to a character size of 1.3pt for real micro text.

The **optional IPSC (IP Secure Controller)** offers a high-performance operation over Ethernet, featuring secure chip encoding over local area network (LAN) and wide area network (WAN) with data encryption and data compression for network traffic optimization. The S3200HD has been equipped with internal electronic locks and mechanical keyed locks on the front door to prevent unauthorized access to the card cartridges and internal reject tray, ensuring that any card issued is secure.

▀ S3200HD delivers...

- ▶ 600 x 600dpi printing resolution
- ▶ Automatic and exception feeder, concealed hopper, reject tray
- ▶ EMV compliant
- ▶ Single wire connectivity
- ▶ Robust design and easy set-up
- ▶ Superior print quality and reliability

▀ Ideal for...

- ▶ Low to mid volume financial card programs
- ▶ Instant issuance
- ▶ Flat bank card personalization

Standard features

600 dpi Resolution	Print mode 1 or 2 sided	45 cph YMC/K+PO Mag ISO encoding	80 cph K (front side) Mag ISO encoding	Capacity 200 75 Input / output
Security pack From Matica	Visa/Mastercard Fully compliant	Encoding Standard	Key-lock Security	Warranty 3 YEARS

Optional features

Single wire Encoding option	UV printing Option
Bend remedy 	

S3200HD

Printer specifications

Print technology

- Dye-sublimation retransfer (YMCK)
- Thermal transfer (monochrome K)

Print resolution

- 600 dpi

Print area

- ISO CR-80, 85.60 x 53.98 mm

Print speed

- YMCK/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)

Print mode

- Single or dual-sided

Communications interface

- USB 2.0, Ethernet

Printer security

- Support for Kensington security lock

Dimensions (HxWxD)

- 343 x 411 x 327 mm / 13.5" x 16.2" x 12.8"

Weight

- 15 kg / 33 lb (excluding optional built-in items)

Power supply

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

Operating environment

- Temperature: 15°C - 30°C, 59°F - 86°F
- Humidity: 35% - 70% (non-condensing)

Storage conditions

- Temperature: 5°C to 70°C, 23°F to 158°F
- Humidity: 20% to 70% (non-condensing)

Certifications

- RoHs, CE, FCC, CQC, UL, WEEE, Proposition 65 (California, USA)

Warranty

- 3 year (subject to the use of chromXpert® ribbons)
- Printhead: Lifetime warranty (Limited to 100,000 passes)

Card specifications

Input hopper capacity

- 200 cards (0.76 mm / 30 mil thickness)

Output hopper capacity

- 75 cards

Reject hopper capacity

- 10 cards

Card thickness

- 0.25 mm – 1.02 mm / 10 mil – 40 mil (Hopper adjustment required)

Card types

- ISO CR80, PVC, Composite PVC, PET-G, PC

Software specifications

XPS printer driver

- Windows® (32/64bit) 7, 8.1, 10, 11, Server 2012, 2016, 2019, 2022.

Encoding

Magnetic stripe

- ISO 7811 HiCo/LoCo (factory fit only)

Smart card / Contactless encoding

- Contact PC/SC, EMV compliant
- Smart contact station: ISO 7816-2
- ISO14443A, B, ISO15693, MIFARE®, DESFire®, HID iClass®

Options

Bend remedy

- Bend remedy for card flatness



Consumables chromXpert

- To ensure print quality and card durability, printhead lifespan and overall printer reliability, use chromXpert ribbons only.
- Supply cores and cassettes are recyclable. Packaging is recycled.

ChromXpert™ ribbon program	Part No.
• YMCK (1000 prints)	Diamond: PR000816
• YMCKK (750 prints)	Diamond: PR000817
• K (2200 prints)	Diamond: PR000815
• YMCKPo (750 prints)	Diamond: PR000818
• RT film (1000 prints)	Diamond: PR000819
• YMCKUv (750 prints)	Diamond: PR000813
• Cleaning Kit	DIC10044



Global offices

Europe: Switzerland HQ, Italy

Asia: Malaysia, India

USA: South Carolina HQ, Minneapolis

Middle East: Dubai



Authorized reseller / System integrator

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S3200HD Datasheet A4 UK V1