

DIRECT CARD
PRINTER

MATICA
TECHNOLOGIES



ESPRESSO II HX





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The Espresso II HX is a compact and powerful desktop ID card printer, that is a brainchild of Italian design & engineering and reflects German reliability with consistent performance. This versatile printer offer its users superior print speed and outstanding print quality. With its robust and durable construction, the Espresso II HX looks and works great in any office or card production environment.

The Matica® Espresso II HX is a single side desktop ID card printer for projects needing printing only on one side of the card. Once in production, a user can easily double the printing capacity with the duplex printing feature. Any Espresso II HX printer can evolve to duplex anytime, anywhere without the need to install additional hardware components.

The LED light on the front of the printer allows monitoring of the card production process at a distance. The blue LED light on the card hopper door tracks the card availability in real time. Each printer comes with a rear output hopper to catch full card runs as needed, which can improve the throughput speed in higher volume scenarios. In standard setup, the front-side input and output trays are convenient for situations where space is limited, in a desktop environment, cabinet or under a counter. Each Espresso II HX printer also has the option for inline magnetic stripe, contact chip or contactless smart card encoders, to maximize its functionality for a broader set of application uses, such as access control, time & attendance, payment services, and many more.

You can easily define your printer and choose the one that perfectly matches your current needs. Espresso II HX offers a range of options, whether or not your requirements evolve in the future, you have still the possibility to make an upgrade by adding functionalities to your existing configuration.

The printer works perfectly for a wide variety of applications such as Employee and Membership ID Badges, Service and Benefits Cards, Gift and Loyalty Cards, Access Control Cards, Student IDs, and Transit Cards, just to name a few.

TECHNICAL SPECIFICATIONS

Print method

Color dye sublimation or monochrome thermal transfer printer

Print mode

Single side edge-to-edge
Dual side as an option

Print resolution

300 dpi

Print speed

Monochrome: up to 850 cph
Full color: up to 260 cph

Encoding options

Magnetic stripe encoding: ISO, 3 tracks HiCo/LoCo, JIS II (on request)
Contact and contactless smart card encoding (on request)

Card compatibility

PVC, Composite PVC, ABS (varnished), PET
ISO CR80 - ISO 7810 (53,98 x 85,60 mm)
0,25 - 1,25 mm (10 - 50 mil)

Card hoppers

Input hopper: 100 cards / 0.76 mm
Output hopper: 80 cards
Reject bin / rear hopper: 80 cards as option

Card feeder

Automatic

Connectivity

USB 2.0

Supported operating systems

Windows 7, 8.1, 10 (32 & 64 bits)

Software

Matica Printer Driver and Printer Manager
Card Exchange as option

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

*Attention: The use of non-Matica brand ribbons could adversely affect the performance of your Matica hardware and void the products warranty.

Available only for specific project bidding in Latam, India and Asia.