



- Single Sided Entry-Level ID Card Printer
- Small and Light Weight (7.5 lbs)
- Easy Operation
- FINE™ Imaging Technology
- Lowest Cost per Print
- 3 YEAR WARRANTY



Entry-level simplex id card printer for small organizations

IDP's easy to use SOLID-310 printer will produce full color or monochrome cards reliably for years. Its time-test design provides robust printing speeds, excellent image reproduction and cost savings.

The SOLID-310 offers a wide range of optional features including Ethernet, smartcard encoding, and ultra violet (UV) printing. Now small businesses can afford to produce their own ID Cards.



FEATURES

- Color & Mono Single Side Printing
- Print Speed: Max. 23 sec/card (YMCKO)
- 300dpi with Edge to Edge Printing
- 310 Field Upgradable to 310D
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Optional Encoders: MS, Contact & Contactless
- Optional Flipper (dual-sided printing) & Ethernet

For Single Sided Printing of ID Cards

Employee ID Cards
Student ID Cards
Payment Cards
Health Cards
Leisure Resort Pass Cards
Identification Cards
Transport Pass Cards
Loyalty Cards
Event Cards



Issuance

SOLID Applications ensure proper card issuance and data management with SOLID series printers at no extra cost.

SOLID Design

- Design and Print (images, photos, texts, etc.)
- 1D & 2D Barcode Printing
- Autoportrait (auto face detection & adjustment of size and position)

SOLID DB

- Convenient issuance of Cards and Data Management
- Supports Open Database Connectivity (ODBC)
- Magnetic Stripe (MS), Contact & Contactless Smart Card Encoding by using Plug-in Program



Security

SOLID series provides effective security features for access control and data encryption.

SOLID series has a password verification function to provide administrator and user authentications.

SOLID series can set a specific authorized PC for encoding and printing cards.

SOLID series can encrypt data transmitted on USB and can support SSL (Secure Socket Layer) protocol on ethernet communications.



Networking

SOLID series can utilize the network printer server for encoding and printing cards.

SOLID Ethernet module can not only print cards but also encode MS, contact and contactless smart card through the network.

SOLID Ethernet module has Open Card Print (OCP) protocol which can encode and print cards by using commands on multiple platforms without installing the printer driver.

Available Encoding for Contact & Contactless Smart Cards by Ethernet.

Specifications**PRINTING**

- Print Type Dye-Sublimation
- Print Area Edge to Edge
- Resolution 300dpi
- Dual Sided Printing Option (with Flipper)

CARD

- Card Feeding Automatic
- Card Size ISO CR80 (54mm x 86mm/2.12" x 3.38")
- Card Thickness 0.38mm (15mil), 0.76mm (30mil)
- Card Type PVC, PET, Composite PVC

PRINT SPEED

- Monochrome 5 sec./card (720 cards/hour)
- YMCKO Max. 23 sec./card (156 cards/hour)

CAPACITY

- Input Hopper 80 cards
- Output Hopper 25 cards

SYSTEM

- Memory 64MB RAM
- Control Panel 1 LED Button
- Supported Platforms Microsoft Windows 2000/2003/XP/Vista/7/8/10, Mac OS, Linux
- Communication USB, Ethernet (Option)
- Power Supply Free Voltage (AC100/200V, 50~60Hz)
- Power Consumption 48
- Temperature/Humidity 15~35°C/35~70%

DIMENSIONS

- Millimeter (WxLxH) 172 x 377 x 190
- Inch (WxLxH) 6.8 x 14.8 x 7.5

WEIGHT

- Kg/lbs 3.4/7.5

ENCODING OPTIONS

- Magnetic ISO7811 (Track I, II, III Read/Write, HiCo/LoCo), JIS II
- Contact ISO 7816 (ID-1)
- Contactless MIFARE, ISO 14443 (Type A/B), ISO 15693, DESFIRE, iCLASS

CERTIFICATIONS**Consumables**

Mid-America Business Systems

810 Busch Ct.
Columbus, OH 43229
www.mabsinc.com