

Dual sided ID CARD PRINTER

# SMART-30D

SMART-30 Series *is Value for Everyone!*



Dual Sided Entry-Level ID Card Printer

Small and Light Weight (9.5 lbs)

Easy Operation

FINE™ Imaging Technology

Low Cost of Operation

3-Year Warranty

## SMART-30D is Value for Everyone!

For dual-sided color printing, the SMART-30D is easy to use, prints high-quality images, and offers an 80-card input hopper. Supporting either full-color or monochrome printing, it is an ideal solution to print ID Cards on demand or in batches.

The SMART-30D offers a wide range of optional features including magnetic encoder, contact and contactless smart card encoders making it ideal for many applications in a variety of environments.



### FEATURES

- Single or Dual Sided Printing
- Print Speed: 33 sec./card (YMCKOK)
- 300dpi with Edge-to-Edge Printing
- 30S Field Upgradable to 30D
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless, SIM
- Upgradable Modules: Ethernet

### For Dual-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

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

#### SMART Design

- Design and Print (Images, Photos, Texts, etc.)
- 1D & 2D Barcode printing
- Auto portrait  
(Auto face detection & adjustment of size & position)

#### SMART DB

- Convenient issuance of cards and data management
- Supports ODBC (Open Database Connectivity)
- Magnetic stripe (MS), contact & contactless smart card encoding by using plug-in program



### SECURITY

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

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

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

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



### NETWORKING

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

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

SMART Ethernet module has OCP(Open Card Print) 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 Dual Sided Printing

**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 28 sec./card (128 cards/hour)
- YMCKOK 24 sec./card (106 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/, 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 472 x 190
- Inch (WxLxH) 6.8 x 18.6 x 7.5

**WEIGHT**

- Kg/lbs 4.2 / 9.5

**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**

**COLOR RIBBONS**

<b>YMCKO</b> Full Color Ribbon with Resin Black & Overlay 250 Cards/Roll	<b>YMCKOK</b> Full Color Ribbon with Resin Black, Overlay & Black for Back Side 200 Cards/Roll	<b>YMCFKO</b> Full Color Ribbon with UV Panel, Resin Black and Overlay 200 Cards/Roll	<b>HYMCKO</b> Half Panel Size Color Ribbon with Resin Black and Overlay 350 Cards/Roll
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**MONO RIBBONS**

<b>KO</b> Black with Overlay 600 Cards/Roll	<b>K</b> Black 1200 Cards/Roll	<b>W</b> White 1200 Cards/Roll	<b>B</b> Blue 1200 Cards/Roll	<b>R</b> Red 1200 Cards/Roll	<b>MG</b> Metallic Gold 1200 Cards/Roll	<b>MS</b> Metallic Silver 1200 Cards/Roll	<b>SO</b> Scratch-Off 1200 Cards/Roll
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*Specifications and availability may change without notice.*

**Part Numbers:**

- SMART-30D: 651106
- Add Ethernet: 650967
- Add Mag Encoding: 650084
- Contactless Enc. (USB): 651081
- Contactless Enc. (Eth): 651083
- Contact IC Enc.: 651079
- YMCKOK, 200/cards: 650637
- YMCKO, 250/cards: 650634
- Black Resin, 1200 cards: 650653

Add "K" to any printer part number for a kit (1 YMCKO Ribbon, 1 100pk Cards, & 1 Long Cleaning Card)