



Single sided ID CARD PRINTER

SMART-30S



300dpi Edge-to-Edge Single Sided Printing

Transparent Card with MS

Removable Stacker

Installable encoders

Compact Size

SMART-30S is Value for Everyone!

SMART-30S printer produces full-color or monochrome cards in moment and it is ideal solution to print ID cards on demand or in volume.



- Color & Mono Single Side Printing
- Print Speed: 28 sec./card (YMCKO)
- 300dpi with Edge-to-Edge Printing
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless, SIM
- Upgradable Modules: Flipper & Ethernet

Requires single-sided printing of ID cards:

- Employee ID card
- Student ID
- Payment card
- Health card
- Leisure resort pass card
- Identification card
- Transport pass card
- Loyalty card
- Event card



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



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.



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 the contact & contactless smart card 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 28 sec./card (128 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 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

COLOR RIBBONS

<p>YMCKO</p> <p>Full Color Ribbon with Resin Black & Overlay</p>  <p>250 Cards/Roll</p>	<p>YMCFKO</p> <p>Full Color Ribbon with UV Panel, Resin Black and Overlay</p>  <p>200 Cards/Roll</p>	<p>HYMCKO</p> <p>Half Panel Size Color Ribbon with Resin Black and Overlay</p>  <p>350 Cards/Roll</p>
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MONO RIBBONS

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

Part Numbers:

- SMART-30S: 651075
- SMART-30SN (Eth): 651095
- SMART-30SM (Mag): 651096
- SMART-30SMN (Eth/Mag) 651099

- Contactless Enc. (USB): 651081
- Contactless Enc. (Eth): 651083
- Contact IC Enc.: 651079

- 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)



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