

# Single sided ID CARD PRINTER

# SMART-30S

SMART-30 Series *is Value for Everyone!*



Single Sided Entry-Level ID Card Printer

Small and Light Weight (7.5 lbs)

Easy Operation

FINE™ Imaging Technology

Low Cost of Operation

3-Year Warranty

## SMART-30S is Value for Everyone!

IDP's SMART-30S printer produces full-color or monochrome cards in only seconds and it is an ideal solution to print ID cards on demand or in batches.

The SMART-30S 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

- 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 (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

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	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

• 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
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### 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

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

	KO	K	W	Blue	R	MG	MS	SO
	Black with Overlay	Black	White	Blue	Red	Metallic Gold	Metallic Silver	Scratch-Off
 MONO RIBBONS								
	600 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll



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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