smart 31

Simple and Easy **for everyone to use**

- 300, 600 & 1200dpi Edge-to-Edge Printing
- Easy Card Issuing
- Excellent Convenience
- FINE™ Imaging Technology
- Low Cost Security with UV Printing
- High Durability

IDP

Single sided ID CARD PRINTER

smart-31S

• Color & Mono Single Sided Printing

• Print Speed: Max. 23 sec./card (YMCKO)

• 300, 600 & 1200dpi with Edge-to-Edge Printing

• LED Button for Front Operation

• Low Cost Security with UV Printing

• Installable Encoders: MS, Contact & Contactless

• Upgradable Modules: Flipper & Ethernet

ISSUANCE

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

- Design and Print (Images, Photos, Texts, etc.)
  - 1D & 2D Barcode printing
  - Auto portrait
    (Auto face detection & adjustment of size & position)
- Printing of sequential numbers
- Card design templates
- Plug-in for supporting external devices (Sign pad, Cameram Scanner)
- Convenient card issuance and data management
- 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 the contact & contactless smart card by Ethernet.

SPECIFICATIONS

Model		SMART-31S		
Printing	Print Type	Dye-Sublimation		
	Resolution	300dpi (Color & Mono), 600 & 1200dpi (Mono Only) / Edge to Edge		
Card	Dual Side Printing	Option (with Flipper)		
	Card Feeding	Automatic		
	Card Size	ISO CR80		
	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)		
	YMCKOK	-	Max. 29 sec./card (124 cards/hour)	-
Capacity	Input Hopper	80 Cards		
	Output Hopper	25 Cards		
System	Control Panel	1 LED Button		
	Supported Platforms	Microsoft Windows 7/ 8 /10, Mac OS, Linux		
	Communication	USB, Ethernet (Option)		
	Power Supply	DC 24V		
	Power Consumption	48		
	Temperature	15~35℃		
	Humidity	35~70%		
	WxLxH (Millimeter)	172 x 377 x 190		
	WxLxH (Inch)	6.8 x 14.8 x 7.5		
	Kg/lbs	3.4 / 7.5		
Encoding Options	Magnetic	ISO 7811 (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	Certifications	CB, CE, FCC, KC, CCC		

*Print Speed : May change under specific condition.

Applications

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

CONSUMABLES

COLOR RIBBONS

YMCKO	250 Cards/Roll	Full Color Ribbon with Resin Black & Overlay
YMCKOK	200 Cards/Roll	Full Color Ribbon with Resin Black, Overlay & Black for Back Side
YMCFKO	200 Cards/Roll	Full Color Ribbon with UV Panel, Resin Black and Overlay
HYMCKO	350 Cards/Roll	Half Panel Size Color Ribbon with Resin Black and Overlay
3YMCKO	400 Cards/Roll	1/3 Panel Size Color Ribbon with Resin Black and Overlay

MONO RIBBONS

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

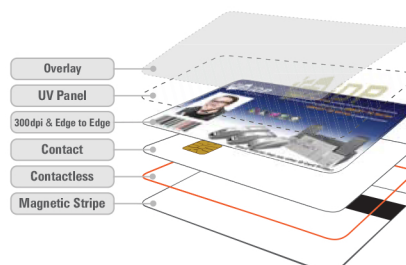*Specifications and availability may change without notice.*

SMART-31 Series value class ID card printer for everyone which is a perfect solution for printing ID cards at a low budget.

SMART-31S (single-sided), SMART-31D (dual-sided) and SMART-31R (rewritable) printer models are available.

SMART-31 Rewritable printer is an ideal solution for printing temporary information on ID cards.

ERASE
Rewrite
Rewrite
ERASE

Provides a cost effective solution!

Overlay
UV Panel
300dpi & Edge to Edge
Contact
Contactless
Magnetic Stripe

IDP