smart

The Smart ID card printer range delivers reliability, performance, user convenience and a real value for money that no other printer can match

iDP

SMART-30 Series is Value for Everyone!

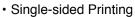SAMPLE CARD PRINTED ON THE SMART - 30S

Single sided ID CARD PRINTER

SMART - 30S

COLOUR · MONO · UV

- Single-sided Printing
- Print Speed: 28 sec. / card (YMCKO).
- 300dpi with Edge-to-Edge Printing.
- Upgradeable to dual sided printing by Installation of Flipper.
- LED button for front operation
- Low Cost Security with UV Printing
- Options Available: Magnetic Stripe, Contact & Contactless

| Applications

- ID / Membership
- Access control / Security
- Healthcare
- Government
- Banking Card
- Transportation
- Retail
- Gift / Promotion / Loyalty
- Education

Dual sided ID CARD PRINTER
SMART - 30D

COLOUR | MONO | UV | DUAL SIDED

- Single or Dual-sided Printing.
- Print Speed: 33 sec. / card (YMCKOK).
- 300dpi with Edge-to-Edge Printing.
- Field upgradeable by Installation of flipper on SMATRT-30S
- LED button for Front operation
- Low Cost Security with UV Printing
- Options Available: Magnetic Stripe, Contact & Contactless

Rewritable ID CARD PRINTER
SMART - 30R

RW Rewritable

- Direct Thermal Rewritable Method.
- LED Button for Front Operation.
- Rewrite Speed : 20 sec. / card.
- Installable Encoders : Magnetic Stripe, Contact and Contactless.
- Upgradable Modules : Network.
- **Thermal Rewritable only (does not print colour)**

Experience SMART Rewritable Technology
provides a cost effective solution!

Erase

Rewrite

SAMPLE CARD PRINTED ON THE SMART - 50S

Single sided ID CARD PRINTER

SMART - 50S

COLOUR | MONO | UV

- Compact Optimized Design.
- Print Speed : 22 sec. / card (YMCKO).
- 300dpi with Edge-to-Edge Printing.
- 2 Line LCD with 2 LED Buttons for Front Operation.
- Advanced Cleaning Roller.
- Low Cost Security with UV Printing
- Optional Encoders : Magnetic Stripe, Contact and Contactless, SIM.
- Upgradable Modules : Flipper, Laminator and Network.

Dual sided ID CARD PRINTER
SMART - 50D

COLOUR · **MONO** · **UV** · **DUAL SIDED**

- Single or Dual-sided Printing.
- Print Speed : 27 sec. / card (YMCKOK). or 22 sec. / card (YMCKO)
- 300dpi with Edge-to-Edge Printing.
- 50S Field Upgradable to 50D
- 2 Line LCD with 2 LED Buttons for Front Operation.
- Low Cost Security with UV Printing
- Optional   Encoders : Magnetic Stripe, Contact and Contactless, SIM.
- Upgradable Modules : Laminator and Network.

COLOUR · **MONO** · **UV** · **DUAL SIDED** · **LAMINATE**

Laminating ID CARD PRINTER
SMART - 50L

- Single or Dual-sided Printing and Lamination.
- Instant Direct Heating Lamination.
- Print and Laminating Speed : 23 sec. / card (YMCK and Single Lamination).
- 50S and 50D Field Upgradable to 50L.
- Holographic Lamination for Visual Security and Card Durability.
- Installable Encoders : Magnetic Stripe, Contact and Contactless, SIM.
- 2 Line LCD with 2 LED Buttons for Front Operation.
- Upgradable Modules : Network.

OFFICE SUPPLIES.COM

Name
James Stuart

Position
Accountant

SAMPLE CARD PRINTED ON THE SMART - 50L

Printer Specifications

SMART Series	Value class			Standard class		
	SMART-30S	**SMART-30D**	**SMART-30R**	**SMART-50S**	**SMART-50D**	**SMART-50L**
	Single Side Card Printer	Dual Side Card Printer	Rewritable Card Printer	Single Side Card Printer	Dual Side Card Printer	Card Printer and Laminator
Printing						
Print Type	Dye-Sublimation	Dye-Sublimation	Direct Thermal	Dye-Sublimation	Dye-Sublimation	Dye-Sublimation
Print Area	Edge to Edge					
Resolution	300dpi					
Dual Side Printing	Option(with Flipper)	Yes	No	Option(with Flipper)	Yes	Yes(Flipper Installed)
Card						
Card Feeding	Automatic					
Card Size	ISO CR80(54㎜ x 86㎜ / 2.12″ x 3.38″)					
Card Thickness	0.38㎜(15mil), 0.76㎜(30mil)			0.38㎜(15mil) ~ 1.0㎜(40mil)		
Card Type	PVC, PET, Composite PVC	PVC, PET, Composite PVC	Rewritable Thermochromic Material	PVC, PET, Composite PVC	PVC, PET, Composite PVC	PVC, PET, Composite PVC
Print Speed						
Monochrome	5 sec./card (720 cards/hour)	5 sec./card (720 cards/hour)	20 sec./card (180 cards/hour) Max. 12 sec./card (300 cards/hour)	5 sec./card (720 cards/hour)	5 sec./card (720 cards/hour)	5 sec./card (720 cards/hour)
YMCKO	28 sec./card (128 cards/hour)	28 sec./card (128 cards/hour)	-	22 sec./card (164 cards/hour) Max. 18 sec./card (200 cards/hour)	22 sec./card (164 cards/hour) Max. 18 sec./card (200 cards/hour)	22 sec./card (164 cards/hour) Max. 18 sec./card (200 cards/hour)
YMCKOK	-	33 sec./card (109 cards/hour)	-	-	27 sec./card (130 cards/hour) Max. 23 sec./card (155 cards/hour)	27 sec./card (130 cards/hour) Max. 23 sec./card (155 cards/hour)
Laminating						
Mode	-	-	-	-	-	Single & Dual
Film (Clear&Holographic)	-	-	-	-	-	0.6mil, 1.0mil
Speed — Simultaneous (Single Lamination)	-	-	-	-	-	23 sec./card (YMCK)
	-	-	-	-	-	33 sec./card (YMCKK)
Speed — One by One (Single Lamination)	-	-	-	-	-	44 sec./card (YMCK)
	-	-	-	-	-	54 sec./card (YMCKK)
Capacity						
Input Hopper : cards	80	80	80	100	100	100
Output Hopper : cards	25	25	25	40	40	40
System						
Memory	64MB RAM					
Display	-	-	-	2 Line LCD	2 Line LCD	2 Line LCD
Control Panel	1 LED Button	1 LED Button	1 LED Button	2 LED Buttons	2 LED Buttons	2 LED Buttons
Supported Platforms	Microsoft Windows 2000/2003/XP/Vista/7/8, Mac OS, Linux					
Communication	USB, Ethernet (Option)					
Power Supply	Free Voltage (AC110 / 220V, 50~60㎐)					
Power Consumption (Max.) : W	48	48	48	48	48	96
Temperature/Humidity	15~35℃ / 20~80%					
Dimensions						
Dimensions (W x L x H) : mm	172 x 377 x 190	172 x 472 x 190	172 x 377 x 190	170 x 420 x 195	170 x 510 x 195	170 x 700 x 195
Dimensions (W x L x H) : inch	6.8 x 14.8 x 7.5	6.8 x 18.6 x 7.5	6.8 x 14.8 x 7.5	6.7 x 16.5 x 7.7	6.7 x 20.0 x 7.7	6.7 x 27.6 x 7.7
Weight : kg / lbs	3.4 / 7.5	4.2 / 9.2	3.2 / 7	4.5 / 10	5.5 / 12	9.2 / 20
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	CB, CE, FCC, KC, C-tick			CB, CE, FCC, KC, C-tick, UL		

Consumables

▶ Color Ribbons

Ribbons Type	YMCKO	YMCKOK	YMCFKO	HYMCKO
Cards / Ribbon	250	200	200	350
Description	Full Color Ribbon with Resin Black and Overlay 650634	Full Color Ribbon with Resin Black, Overlay and Resin Black for Back Side 650637	Full Color Ribbon with UV Panel, Resin Black and Overlay 659000	Half Panel Size Color Ribbon with Resin Black and Overlay 650640
SMART-30S / 50S	O	—	O	O
SMART-30D / 50D	O	O	O	O
SMART-50L	O	O	O	O

▶ Security Films

Films Type	CPF	HPF
Cards / Film	250	250
Description	Clear Patch Film 659028	Hologram Patch Film 659029
SMART-30S / 50S	—	—
SMART-30D / 50D	—	—
SMART-50L	O	O

▶ Mono Ribbons

Ribbons Type	KO	K	W	B	R	MG	MS	SO
Cards / Ribbon	600	1200	1200	1200	1200	1200	1200	1200
Description	Black with Overlay 650655	Black 650653	White 650663	Blue 650665	Red 650664	Metallic Gold 650682	Metallic Silver 650681	Scratch-Off 650666
SMART-30 Series	O	O	O	O	O	O	O	O
SMART-50 Series	O	O	O	O	O	O	O	O

▶ Cleaning Kits

Long Cleaning Card	Short Cleaning Card	Cleaning Swab	Cleaning Pen
Automatic Cleaning	Manual Cleaning	Print Head and Rollers Cleaning	Print Head Cleaning

▶ Card

DYESTAR PREMIUM PVC CARDS

HIGH PERFORMANCE DURABLE PREMIUM QUALITY PVC

▶ Software

imagebase

Produce your own attractive,professional company ID cards with the use of ImageBase Lite,a comprehensive ID card software package.ImageBase is an award winning package,praised for its complex design features yet ease-of-use. Creating your own identification has never been simpler.

SMART Series, manufactured by IDP Corporation, is a highly engineered dye-sublimation ID card printer which provides you with maximum efficiency for production of plastic cards in commercial and government applications.

SMART Series is designed to support a flexible user, environment, which makes it easy to choose the correct printer and save money. You can easily add flipper or laminator, for dual side printing or laminating, and various encoders such as magnetic stripe, contact and contactless. The enhanced FINE^{TM} Imaging Technology of the SMART Series enables to print high quality images. The SMART Series will be a perfect choice for ID, Membership, access control, government ID, healthcare, banking and education.

IDP Corporation has begun a new era in ID cards printers. Come and experience the flexibility and quality of the SMART Series

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