



- Single Sided Entry-Level ID Card Printer
- Small and Light Weight (7.5 lbs)
- Easy Operation
- FINE™ Imaging Technology
- Lowest Cost per Print
- Best In-Class Warranty* (See backside for details)



Entry-Level Simplex ID Card Printer for Small Organizations

IDP's easy to use SMART-31S printer will produce full-color or monochrome cards reliably for years. Its time-test design provides robust printing speeds, excellent image reproduction and cost savings.

The SMART-31S offers a wide range of optional features including Ethernet, smart-card encoding, and ultra violet (UV) printing. Now small businesses can afford to produce their own ID Cards.

Printing Applications:

- Employee ID Cards
- Student ID Cards
- Payment Cards
- Health Cards
- Leisure Resort Pass Cards
- Identification Cards
- Transport Pass Cards
- Loyalty Cards
- Event Cards



FEATURES

- Color & Mono Single Side Printing
- Print Speed: Max. 20 sec/card (YMCKO)
- 300dpi with Edge to Edge Printing
- 31S Field Upgradable to 31D
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Optional Encoders: MS, Contact & Contactless
- Upgradable Modules: Flipper & Ethernet



Issuance

SMART IDesigner ensures accurate card issuance and data management with your SMART series of printers. This application offers simple design tools to allow the user to create a truly customized card within minutes. SMART IDesigner offers advanced user tools such as database connections, camera and signature scanners plug-in support, as well as smart card reading and encoding.

- Design and print (Image, Photo and Text)
- 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, Camera, Scanner)
- Convenient card issuance and data management
- Magnetic stripe (MS), contact & contactless smart card encoding by using plug-in program



Security

The SMART series printers come with highly effective and tested physical and electronic security features.

- PASSWORD verification with administrator and user authentications
- PC AUTHENTICATION locks the SMART printer to a specific PC to render it useless if stolen
- DATA ENCRYPTION over USB and SSL (secure socket layer) over Ethernet
- PHYSICAL LOCKS are standard on the SMART-70 and an optional feature on the SMART-51 Series
- Ethernet - SNMPv3



Networking

The SMART series offers "single-wire" printing and encoding.

- The SMART Ethernet module can not only print over your network, but can also be configured to encode magnetic stripes, contact IC chips and contactless smart cards over your network
- The SMART Ethernet module can be configured to accept "open card protocol" print commands for direct printing without a driver

Specifications

PRINTING		SYSTEM	
• Print Type	Dye-Sublimation	• Memory	64MB RAM
• Print Area	Edge to Edge	• Control Panel	1 LED Button
• Resolution	300dpi (Color & Mono), 600 & 1200dpi (Mono Only)	• Supported Platforms	Microsoft Windows 2000/2003/XP/Vista/7/8/10, Mac OS, Linux
• Dual Sided Printing	Option (with Flipper)	• Communication	USB, Ethernet (Option)
CARD		• Power Supply	Free Voltage (AC100/200V, 50~60Hz)
• Card Feeding	Automatic	• Power Consumption	48
• Card Size	ISO CR80 (54mm x 86mm/2.12" x 3.38")	• Temperature/Humidity	15~35°C/35~70%
• Card Thickness	0.38mm (15mil), 0.76mm (30mil)	DIMENSIONS	
• Card Type	PVC, PET, Composite PVC	• Millimeter (WxLxH)	172 x 377 x 190
PRINT SPEED		• Inch (WxLxH)	6.8 x 14.8 x 7.5
• Monochrome	5 sec./card (720 cards/hour)	WEIGHT	
• YMCKO	Max. 20 sec./card (180 cards/hour)	• Kg/lbs	3.4/7.5
CAPACITY		ENCODING OPTIONS	
• Input Hopper	80 cards	• Magnetic	ISO7811 (Track I, II, III Read/Write, HiCo/LoCo), JIS II
• Output Hopper	25 cards	• Contact	ISO 7816 (ID-1)
		• Contactless	MIFARE, ISO 14443 (Type A/B), ISO 15693 DESFIRE, iCLASS
		CERTIFICATIONS	

Consumables

	659366 YMCKO	659380 YMCFKO	659378 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					
	659385 KO	659367 K	659370 W	659372 B	659371 R	659374 MG	659373 MS	659375 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-31S	651527
SMART-31S K	651527K
SMART-31S B	651527B
Network Hub	651570
Mag Encoding	651356
Contact Encoding	651359
Contactless Enc. (USB)	651081
Contactless Enc. (Eth)	651083
Flipper Assembly	651315

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



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***Warranty:** IDP printers and options are warranted against manufacturer defects for up to 3 years and print heads for up to 2 years with unlimited prints. Additionally, IDP offers a 3-Year Advance Exchange warranty within the continental USA. Contact IDP for more details.