



PHOTO ID AND ACCESS PRINTERS

Photo ID Card Solutions

smart Series

The IDP **SMART Series** of printers are manufactured by IDP Corporation. They are highly engineered dye-sublimation ID Card Printers which provide you with the maximum efficiency for production of plastic cards in commercial and government applications.

The **SMART Series** is designed to support a flexible user environment, which makes it easy to choose the correct printer to save you money. IDP Card Printers are upgradeable so you can easily add a flipper or laminator for dual sided printing or laminating, and add various encoders such as magnetic stripe, contact and contactless. The enhanced FINE™ Imaging Technology of the SMART series enables you to print high quality images. The SMART Series is a perfect choice for Employee IDs, Membership Cards, Access Control Badges, Secure Government Credentials, Social Services Cards, and even the instant issuance of Banking cards.

Experience the flexibility and quality of IDP's SMART series printers.

SOFTWARE

SMART SDK, to develop customized applications

SMART Utilities for optimizing and testing your printer

SMART ID for designing and issuing cards

TECHNOLOGY

Crystal clear printing with FINE™ Imaging Technology

Instant direct heating mechanism for lamination •Patent

Field upgradeable options for dual sided printing and laminating

Field upgradeable encoders for magnetic stripe, contact and contactless smart cards

Automatic ribbon recognition

Eco friendly rewritable printing (SMART-31R)

500 cards & scratch free (SMART-70) •Patent

High-durability: metal frame construction with steel ballbearings (SMART 51 & 70 Series)

CONVENIENCE

User friendly design for desktop environments

LCD & LED for status display of printer

Easy Thermal Print Head (TPH) replacement

Front input and output hoppers (SMART-31 & 51)

Drop-in ribbon cartridge (SMART-31 & 51)

Unique modular design (SMART-70)

Drawer type ribbon cartridge (SMART-70)



smart ID Software

Smart ID Software makes it easy for you to design and print professional badges for a multitude of applications.

Smart ID allows you to add images, text, barcodes, manage databases and provide state-of-the-art card encoding options.

SMART ID ensures appropriate card issuance and data management with our SMART series printers at no cost. This application allows you to design and issue cards quickly.

SMART ID offers a simple wizard and templates to get you started instantly. SMART ID advanced features will satisfy most high-end demands for security and longevity.



- Card templates - to get you up and running quickly
- Database support
 - templates which include pre-configured databases
- Import external data
 - import your card holder information via xls, csv or accdb
- Camera support
 - TWAIN support for web-cams or image import from PC
- Image editing - auto-crop, brightness, contrast, zoom, and more
- Barcodes - 1D, 2D, and QR Code fonts
- Encoding - Magnetic, contact and contactless encoding/reading
- Sequential numbering
- Stores up to 500 photo* records and unlimited non-photo records



Design & Print



Encoding
MS, Contact & Contactless



Sequential
Number



Auto portrait



1D & 2D Barcode
printing



Plug-in
Camera, Sign pad, Scanner

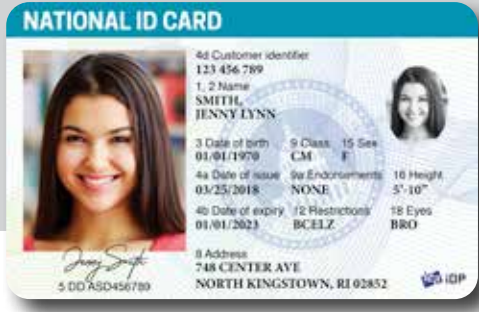


Card design
Templates



Convenient
Data management

smart 70X



SMART-70X

- Single or Dual-Sided Laser Engraver
- High Security
- Eco-Friendly & Low Power Consumption
- Tactile Laser Engraving
- Laser Engraved MRZ
- Laser Engraved Microtext
- MLI/CLI (Multiple/Changeable Laser Image)

Security Assurance

SMART-70X is the perfect solution to engrave permanent, unalterable data into cards that demand the highest level of security.

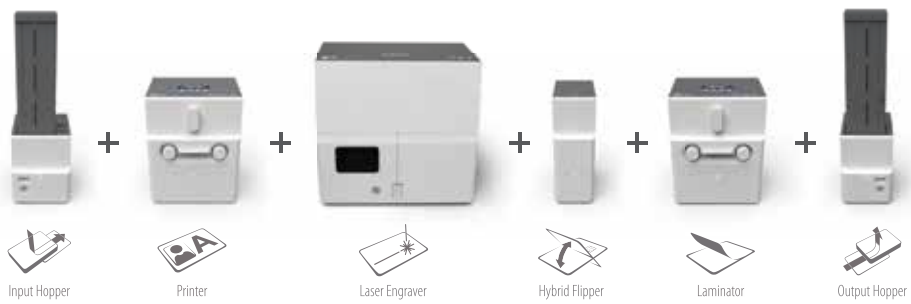
Laser Card Engraving System

IDP's laser engraving printer allows for multiple personalization features such as micro text, MRZ (machine readable zone), CLI (changeable laser image), making forgery and manipulation virtually impossible.

Multi-Printer Combination

SMART-70X can be used as a stand-alone laser engraver or with other SMART-70 modules such as SMART-70 direct-to-card printer, Laminator, Hybrid Flipper, & Output hopper.

JUST CONNECT EACH STATION AND SYNCHRONIZE





- Security Assurance
- Complete Shredding
- Twisted Micro-Cut Technology
- Flexible Card Printer Ribbon Compatibility
- Compact Easy-to-use Design



With IDP's Twisted Micro-Cut Technology (patent pending), SMART-BIT uses unique twist and cut motions to completely shred ID Card Printer ribbon panels into tiny unrecognizable particles.

Flexible Card Printer Ribbon Compatibility

The SMART-BIT is designed to accommodate the industry's popular brands of direct-to-card printer ribbons.

Compact Easy-to-Use Design

SMART-BIT is compact and light weight in design and will easily fit into any office desktop environment. The SMART-BIT's waste bag will ensure complete capture of ribbon particles and simple transfer to a waste bin.

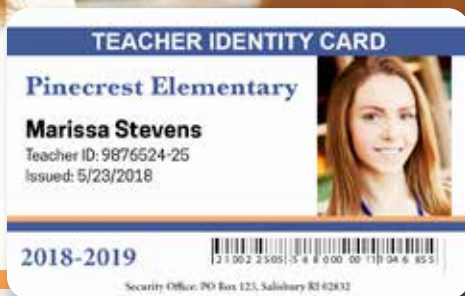
Protecting personal information is paramount and **IDP SMART-BIT SHREDDER** is specially designed to ensure the secure destruction of used ID Card Printer Ribbons with personal information.

SMART-BIT SPECIFICATIONS

Shreddable Ribbon Type	Dye-Sublimation Ribbon, Resin & Wax Ribbon
Shreddable Ribbon Width	60mm to 90mm (Installable Ribbon Core Width: Max 120mm)
Installable Ribbon Diameter	Max. 80mm diameter
Shredding Speed	Max. 20 meters / minute
Shredder Bin Capacity	8 Rolls (YMCKO, 250 cards/roll)
Cutting Type	Twisted Micro Cut
Shredded Particle Size	Approx 2.5mm
Control	Speed (Normal or Fast mode), Start & Stop, Reverse
Auto Stop	Finished Shredding, Full Waste Bag
Interface	4 LEDs, 3 Buttons
Power Supply	Free Voltage (AC100 / 240V, 50~60Hz)
Power Consumption	24V, 2A
Temperature / Humidity	15~35°C / 35~70%
SMART-BIT Warranty	100km or 1 Year Depot Service

SMART-BIT RIBBON SHREDDER

651577	SMART-BIT Shredder includes shredder, bin, power supply, one disposal bag	\$790.00
659943-5	Disposal waste bag kit for standard bin (5pack). Each bag holds 8 YMCKO ribbons	\$39.00
659943	Disposal waste bag case for standard bin (80 bags/16 5 packs)	\$624.00
659944-1	Cutter Blade Assembly, Replacement	\$339.00
659945	Standing frame bin for large 70 liter bags (comes with 20 bags)	\$369.00
659946	Large disposal waste bag case for standing frame bin	\$62.00



SMART-31 SERIES

- Single and Dual Sided Entry-Level Card Printer
- Small and Light Weight (7.5 lbs)
- Easy Operation
- FINE™ Imaging Technology
- Lowest Cost per Print
- 3 YEAR WARRANTY

IDP's easy to use **SMART-31** printer will produce full-color or monochrome cards reliably for years. Its time-tested design provides excellent image reproduction and cost savings.

The **SMART-31** offers a wide range of optional features including Ethernet, smartcard encoding, and ultra violet (UV) printing. Now small businesses can afford to produce their own ID Cards and save their company time and money by producing in-house.





Single Sided ID CARD PRINTER
Color & Mono Single Sided Printing
 300, 600 & 1200dpi with Edge-to-Edge Printing
 LED Button for Front Operation
 Low Cost Security with UV Printing
 Installable Encoders: MS, Contact & Contactless



Dual Sided ID CARD PRINTER
Single or Dual Sided Printing
 300, 600 & 1200dpi with Edge-to-Edge Printing
 31S Field Upgradable to 31D
 LED Button for Front Operation
 Low Cost Security with UV Printing
 Installable Encoders: MS, Contact & Contactless



Rewritable ID CARD PRINTER
Direct Thermal Rewritable Printing
 Rewrite Speed: Max. 12 sec./card
 LED Button for Front Operation
 Installable Encoders: MS, Contact & Contactless
 *Requires Thermal Rewrite Cards

SMART-31 Entry Level Printers

SMART-31 SERIES

		MSRP
651527	SMART-31S Simplex Printer/USB	\$1390.00
651527K	SMART-31S Simplex Printer/USB Kit (1 YMCKO Ribbon, 100 PVC Cards, 1 Cleaning Card)	\$1493.00
651527B	SMART-31S Simplex Printer/USB/Bundle (Kit plus usb Camera)	\$1742.00
651527K1	SMART-31S Simplex Printer/USB/Kit (1-100 Print YMCKO Ribbon, 100 PVC Cards, 1 Cleaning Card)	\$1467.00
651527B1	SMART-31S Simplex Printer/USB/Bundle (Kit with 100-Print Ribbon plus usb Camera)	\$1716.00
651528	SMART-31D Duplex Printer/USB	\$1990.00
651528K	SMART-31D Duplex Printer/USB/Kit	\$2100.00
651528B	SMART-31D Duplex Printer/USB/Bundle (Kit plus usb Camera)	\$2349.00
651528K1	SMART-31D Simplex Printer/USB/Kit (1-100 Print YMCKO Ribbon, 100 PVC Cards, 1 Cleaning Card)	\$2067.00
651528B1	SMART-31D Simplex Printer/USB/Bundle (Kit with 100-Print Ribbon plus usb Camera)	\$2316.00
651533	SMART-31R Simplex Re-Write-able Printer/USB (Special Order)	\$1370.00

OPTIONS

651570	SMART-31 Ethernet Option	\$300.00
651356	SMART-31 Magnetic Stripe Enc. (ISO 7811 (Track I,II,III Read/Write), Hi-Co/Lo-Co Enc.)	\$475.00
651359	SMART-31 Contact Smart Card Enc. (Internal) ISO 7816 (ID-1)	\$475.00
653034	SMART-31 Contactless Smart Card Enc. (Internal, 13.56Mhz) ISO 14443 (Type A/B), MIFARE, DESFire, i-Class - OVER USB	\$475.00
651083	SMART-31 Contactless Smart Card Enc. (Internal, 13.56Mhz) ISO 14443 (Type A/B), MIFARE, DESFire, i-Class - OVER Eth.	\$475.00
651315	SMART-31 Flipper Assembly (converts 31S simplex to 31D duplex)	\$600.00

PRINT HEAD

651089	SMART-31 Thermal Print Head	\$700.00
---------------	-----------------------------	-----------------

* Kit (1 YMCKO or YMCKOK Ribbon, 100 PVC Cards, 1 Long Cleaning Card)

* Bundle (Kit & USB Camera)

See full price list for ethernet and smart card options



SMART-51 SERIES

- Single or Dual Sided Mid-Range Card Printers
- Upgradeable
- Easy Operation
- FINE™ Imaging Technology
- Lowest Cost per Print
- 3 YEAR WARRANTY



Professional Metal Frame Construction

IDP's new **SMART-51** is the next generation of its mid-range ID Card Printer platform. The **SMART-51** inherits the most successful and proven elements of the SMART-50 series printer to ensure reliability. The upgraded **SMART-51** will provide the most appropriate card issuance experience.

- New Input Hopper (up to 200 cards loading)
- Removable Output Hopper (*Option)
- Support of Transparent Cards
- Cartridge Type Laminate Film Loading
- Support CR79 Cards (*Option)
- 300, 600 & 1200dpi with edge to edge printing
- Top-side Mag Encoding (*Option)
- All-in-One type Lock System (*Option)
- Manual Feeding
- Kensington Security Lock (*Option)
- Rear-side Stacker (Up to 100 cards, *Option)
- 51S field upgradeable to 51D



▪ **New Input Hopper**
200 cards with cover open,
100 cards in default



▪ **Removable - Output Hopper**



▪ **Rear-Side Stacker**
(up to 100 cards, *Option)

SMART-51 Mid-Range Printers

SMART-51 SERIES

		MSRP
651398	SMART-51S Simplex Printer / USB	\$1890.00
651398K	SMART-51S Simplex Printer / USB /*Kit	\$1993.00
651398B	SMART-51S Simplex Printer / USB /*Bundle	\$2242.00
651404	SMART-51S Simplex Printer / USB / Ethernet	\$2190.00
651404K	SMART-51S Simplex Printer / USB / Ethernet /*Kit	\$2293.00
651404B	SMART-51S Simplex Printer / USB / Ethernet /*Bundle	\$2542.00

* **Kit** (1 YMCKO Ribbon, 100 PVC Cards, 1 Long Cleaning Card)

* **Bundle** (Kit & USB Camera)

651399	SMART-51D Duplex Printer / USB	\$2590.00
651399K	SMART-51D Duplex Printer / USB /*Kit	\$2700.00
651399B	SMART-51D Duplex Printer / USB /*Bundle	\$2949.00
651406	SMART-51D Duplex Printer / USB / Ethernet	\$2890.00
651406K	SMART-51D Duplex Printer / USB / Ethernet /*Kit	\$3000.00
651406B	SMART-51D Duplex Printer / USB / Ethernet /*Bundle	\$3249.00
651400	SMART-51L Duplex Printer & Laminator/USB	\$4490.00
651400k	SMART-51L Duplex Printer & Laminator/USB/Kit	\$4728.00
651400B	SMART-51L Duplex Printer & Laminator/USB/*Bundle	\$4977.00
651410	SMART-51L Duplex Printer & Laminator/USB/Ethernet	\$4790.00
651410K	SMART-51L Duplex Printer & Laminator/USB/Ethernet/*Kit	\$5028.00
651410B	SMART-51L Duplex Printer & Laminator/USB/Ethernet/*Bundle	\$5277.00

* **Kit** (YMCKOK Ribbon, 100 PVC Cards, 1 Long Cleaning Card)

* **Bundle** (Kit & USB Camera)

OPTIONS

651367	SMART-51 Ethernet Option	\$300.00
651356	SMART-51 Magnetic Stripe Enc. Standard (ISO 7811 (Track I,II,III Read/Write), Hi-Co / Lo-Co Enc.)	\$500.00
651358	SMART-51 Magnetic Stripe Enc. Upper (ISO 7811 (Track I,II,III Read/Write), Hi-Co / Lo-Co Enc.)	\$500.00
651359	SMART-51 Contact Smart Card Enc. (Internal) ISO 7816 (ID-1)	\$500.00
653035	SMART-51 Contactless Smart Card Enc. (Internal, 13.56Mhz) ISO 14443 (Type A/B), MIFARE, DESFire, i-Class - OVER USB	\$500.00
651362	SMART-51 Contactless Smart Card Enc. (Internal, 13.56Mhz) ISO 14443 (Type A/B), MIFARE, DESFire, i-Class - OVER Eth.	\$500.00
651366	SMART-51 Flipper Assembly for Dual-Sided Printing	\$700.00
651310	SMART-51 Laminator with Flipper Assembly (Dual Side Printing & Dual Side Laminating)	\$2600.00
651363	SMART-51 Physical Lock For Printer Card Hopper and Ribbon Door	\$125.00
651364	SMART-51L Physical Lock For Laminator Flim Door	\$125.00
651365	SMART-51 Kensington Lock Security Connection	\$80.00
612038	SMART-51 Rear Exit Card Stacker, holds 100 cards	\$90.00

PRINTHEAD

651411	SMART-51 Thermal print head	\$700.00
651393	SMART-51 Thermal laminate head	\$800.00

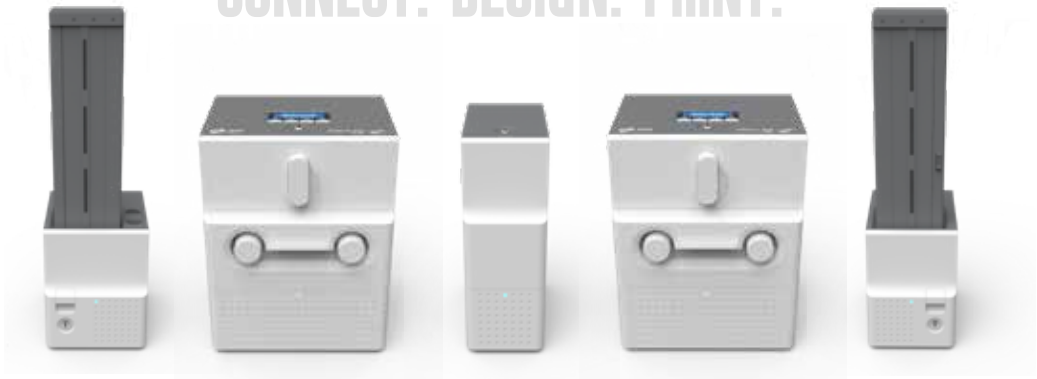
smart 70 High-Capacity Card Printing Solution



The **SMART-70** is a high-performance large capacity ID card printer designed with a unique modular concept that can support various printer configurations to meet different user requirements.

500 cards can be continuously printed, laminated and encoded on various card types. **SMART-70** consists of 5 different modules which include an Input Hopper, Hybrid Flipper, Laminator, & Output Hopper and can be configured in various combinations according to different customer requirements.

CONNECT. DESIGN. PRINT.



Input Hopper



Printer



Hybrid Flipper



Laminator



Output Hopper

SMART-70 High Speed/High Capacity Printers

SMART-70 SERIES

	MSRP
IPS - SMART-70 Printer (Simplex) with 500 Card Input Hopper & 100 card exit box	\$3980.00
IPO - SMART-70 Printer (Simplex) with 500-Card Input Hopper & 500-Card Output Hopper	\$5670.00
IPFS - SMART-70 Printer (Duplex) with 500-Card Input Hopper, Flipper & 100 card exit box	\$4870.00
IPFO - SMART-70 Printer (Duplex) with 500-Card Input Hopper, Flipper & 500-Card Output Hopper	\$6560.00
IPLS - SMART-70 Printer (Simplex) with Laminator & 100 card exit box	\$6570.00
IPLO - SMART-70 Printer (Simplex) with 500-Card Input Hopper, Laminator & 500-Card Output Hopper	\$8260.00
IPFLS - SMART-70 Printer (Duplex) with 500-Card Input Hopper, Flipper, Laminator & 100 card exit box	\$7460.00
IPFLO - SMART-70 Printer (Duplex) with 500-Card Input Hopper, Flipper, Laminator & 500-Card Output Hopper	\$9150.00
ILS - SMART-70 Laminator (Simplex) with 500-Card Input Hopper & 100 card exit box	\$3880.00
ILSO - SMART-70 Laminator (Simplex) with 500-Card Input Hopper & 500-Card Output Hopper	\$5570.00
651159 SMART-70 Printer Simplex Sided Card Module / No Encoding / USB / Ethernet	\$2690.00
651276 SMART-70 Hybrid Flipper Module for Duplex Sided Card Printing & Laminating	\$890.00
651289 SMART-70 Laminator Simplex Sided Module	\$2590.00
651156 SMART-70 Input Hopper 500-Card Capacity Module	\$1290.00
651318 SMART-70 Input Hopper 300-Card Capacity Module	\$1290.00
651158 SMART-70 Output Hopper 500-Card Capacity Module	\$1690.00
651321 SMART-70 Output Hopper 300-Card Capacity Module	\$1690.00
651287 SMART-70 Ribbon Cartridge [Tray] for SMART-70 PRINTER (additional)	\$245.00
651288 SMART-70 Laminate Cartridge [Tray] for SMART-70 LAMINATOR (additional)	\$245.00
651347 SMART-70 Input or Output Hopper Cartridge with 300-Card Capacity	\$650.00
651168 SMART-70 Input or Output Hopper Cartridge with 500-Card Capacity	\$650.00
651160 SMART-70 Magnetic Stripe Encoder - ISO 7811 (Track I, II, III Read/Write, Hi-Co/Lo-Co)JIS I	\$525.00
651161 SMART-70 Contactless Smart Card Encoder(Internal, 13.56Mhz) MIFARE, ISO 14443 (Type A/B), ISO 15693, Desfire, iClass	\$550.00

HYBRID FLIPPER OPTIONS

651250 SMART-70 Hybrid Flipper Module with Contact IC option installed	\$1690.00
651251 SMART-70 Hybrid Flipper Module with Contactless RF option installed	\$1590.00
651249 SMART-70 Hybrid Flipper Module with Scanner option installed	\$2490.00
651252 SMART-70 Hybrid Flipper Module with IC & RF option installed	\$2290.00
651248 SMART-70 Hybrid Flipper Module with all options installed	\$3590.00
651298 Base structure for installing SMART-70 Hybrid Flipper options	\$109.00
651299 Contact Smart Card Encoder - ISO 7816 (ID-1)	\$800.00
651300 Contactless Smart Card Encoder (13.56Mhz) - MIFARE, ISO 14443 (Type A/B), ISO 15693, Desfire, i-Class	\$700.00
651301 Dual Scanner (600dpi, dual side color image & barcode)	\$1600.00

Multi-Hopper Solutions -

NOTE - STANDARD DISCOUNTS DO NOT APPLY. PLEASE CONTACT IDP FOR DETAILS. Special Order Items.. Please allow 3 weeks for delivery

659900 Multi hopper with 2 500-cards cartridges (1000 cards capacity)	\$2890.00
659901 Multi hopper with 3 500-cards cartridges (1500 cards capacity)	\$3890.00
659902 Multi hopper with 4 500-cards cartridges (2000 cards capacity)	\$4590.00
TBD Multi hopper with 5 500-cards cartridges (2500 cards capacity)	\$5390.00
TBD Multi hopper with 6 500-cards cartridges (3000 cards capacity)	\$6090.00
TBD Multi hopper with 2 300-cards cartridges (600 cards capacity)	\$2790.00
TBD Multi hopper with 3 300-cards cartridges (900 cards capacity)	\$3790.00
TBD Multi hopper with 4 300-cards cartridges (1200 cards capacity)	\$4490.00
TBD Multi hopper with 5 300-cards cartridges (1500 cards capacity)	\$5290.00
TBD Multi hopper with 6 300-cards cartridges (1800 cards capacity)	\$5990.00

SMART-70 Print and Laminate Heads (Use Printer Discounts)-

651189 SP S7P Print Head KPE (SMART-70 Series Printer Thermal Print Head)	\$900.00
651190 SP S7L Print Head (SMART-70 Series Laminator Thermal Print Head)	\$900.00



Applications

- High-Value Smart Card Printing
- Over-the-edge or Full-Bleed Printing
- High-Gloss Finish
- High-Color Density Colors
- No-Preprinting Desired

WISE

Wise Choice for the Highest Quality

WISE - CXD80

Retransfer Class ID Card Printer

- Color & Mono Single or Dual Sided Printing
- Print Speed: 29 sec./card
- Detachable and anytime-refillable hopper
- Intuitive and flexible function LCD panel
- Removable and water-washable cleaning roller
- Security locks on hopper & front door
- Kensington lock
- Inline encoding and lamination (with optional unit)
- Environmentally friendly compact design



WISE - CL600 Laminator for WISE Series

Superior Quality of Lamination
Printing of High Security Cards



WISE - LE Laser Engraving for WISE Series

- "Sideways" Landscape Engraving
- Tactile effect, Microtext
- up to 1200 dpi



smart 51 Kiosk Card Printer

- Single or Dual Side Printing
- Up to 4 Selectable Hoppers
- 300 or 500 Card Refillable Cartridges
- Up to 212 cards/hour (YMCKO)
- Installable MS, Contact & Contactless Encoder
- Compact and Reliable Design
- Customizable Bottom Plate
- SMART-51SK Single Sided ID Card Printer
- SMART-51DK Dual Sided ID Card Printer



High capacity, flexible and reliable card printing module for various Kiosks solutions.

IDP's Kiosk Card Printer is a high capacity, flexible and reliable card printing module for various types of self-service Kiosks.

Using the compact and solid SMART-51 printing engine or high performance SMART-70 printer module and multi-hopper system (up to 4 input hoppers) with detachable 300 or 500 cards cartridge, the IDP SMART Kiosk Printer will provide a variety of choices depending on the requirements.

smart 70 Multi Hopper

- Multiple Hopper system designed for the SMART-70 Series
- Up to 6 Selectable Hoppers
- 300 or 500 Cards Refillable Cartridges
- Up to 6 Different Type Cards Loading
- Full Metal Structure



IDP's Multi Hopper system for the SMART-70 is designed to fit the needs of large capacity/high efficiency kiosk operations.

From a minimum of 2 to a maximum of 6 large capacity 500 card hoppers that can be used depending on the user environment. Monochrome ribbons support up to 3000 prints minimizing maintenance cost and time and up to 3000 card loadable hoppers with 6 different types on each hopper that can maximize the efficiency of the kiosk application.

The SMART-70's unique full modular design makes it possible to add an encoding module and laminating module.

Full metal construction of the multiple hopper system is ideal for a high volume issuance environment.

SMART Lamination and Security Printing



Laminate

IDP offers three types of laminates – clear, clear with smart chip cut-outs and stock and custom holograms. IDP laminates provide a layer of protection over your printed cards, making them more durable and providing protection from wear and fading. While clear laminates offer standard protection, hologram laminates go further by embedding a holographic watermarks to your ID cards, securing your cards from tampering and counterfeiting.

Stock Laminate

IDP offers Generic Stock Holograms that are readily available. Three vertical market holograms are available and are called “Official Fire/Rescue”, “Authentic Law Enforcement”, and “Official Medical”. We also offer three more generic holograms called “Globe Secure”, “Globe Flags”, and “Secure Waves”. Finally, IDP offers a Clear laminate that adds to the cards life, but does not have a holographic image.

Custom Holograms

IDP offers custom holograms with minimum order requirement of 60 rolls for the 51 Series and 40 rolls for the 70 Series and WISE Series. Custom hologram originations are unique to your organization and will be held in a secured facility to ensure the protection of your brand imagery. IDP offers various levels of originations – Levels 1 to 5. (Please see IDP’s Laminate Buyers Guide for more details)



Stock Holograms



Globe Flags



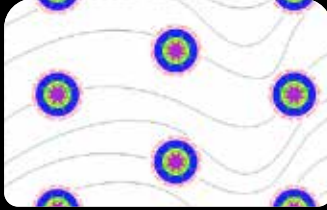
Security Waves (Wise Only)



Health Medical



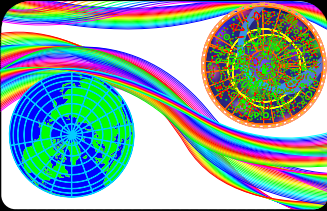
Secure Globes



Snowflake (Wise Only)



Fire Rescue



Celestial Globe



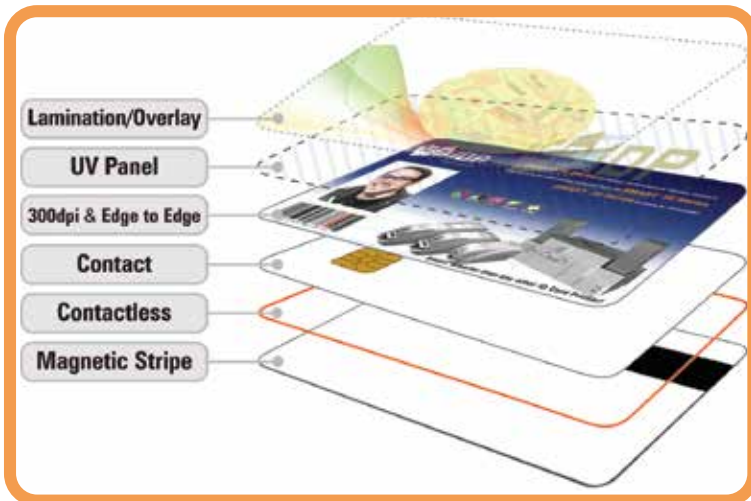
Secure Cannabis



Official Law Enforcement

Latent Imagery and UV Printing

IDP offers a unique driver feature that allows the user to design and print a custom security effect to enhance custom holograms, generic holograms or even clear laminate. A logo or image can be uploaded to the SMART Driver and a Latent or Embossed effect can be produced. In addition, by using IDP's YMCFKO ribbons, a logo or image can be uploaded and printed in Ultra Violet under the laminate. These features increase design options and security.



SMART 31 & 51 Series Consumables



Part # INK RIBBONS

Part #	INFORMATION	MSRP
659366	YMCKO Full-color, resin black & overlay panel ribbon with cleaning roller, 250 cards/roll	\$85.00
900900	YMCKO Ribbon Kit, assembled ribbon & cassette, 250 images per roll, w/cleaning roller (MOQ10pcs)	\$113.00
659863	YMCKO Full-color, resin black, overlay panel ribbon with cleaning roller, 100 cards/roll	\$59.00
900903	YMCKO Ribbon Kit, assembled ribbon & cassette, 100 images per roll, w/cleaning roller (MOQ10pcs)	\$87.00
659376	YMCKOK Full-color, two resin black & overlay panel ribbon with cleaning roller, 200 cards/roll	\$92.00
900902	YMCKOK Ribbon Kit, assembled ribbon & cassette, 200 images per roll, w/cleaning roller (MOQ10pcs)	\$120.00
659378	YMCKO Half color, resin black, overlay panel ribbon with cleaning roller, 350 cards/roll	\$80.00
659380	YMCFKO Full-color & UV panel ribbon with cleaning roller, 200 cards/roll	\$100.00
659367	K Resin Black ribbon with cleaning roller, 1200 cards/roll	\$25.00
900901	K Black Resin Ribbon Kit, assembled ribbon & cassette, 1200 images per roll, w/cleaning roller (MOQ10pcs)	\$53.00
659373	MS Resin Metallic Silver he disposable cleaning roller, 1200 cards/roll	\$100.00
659374	MG Resin Metallic Gold ribbon with the disposable cleaning roller, 1200 cards/roll	\$100.00
659370	W Resin White ribbon with the disposable cleaning roller, 1200 cards/roll	\$65.00
659372	B Resin Blue ribbon with the disposable cleaning roller, 1200 cards/roll	\$65.00
659371	R Resin Red ribbon with the disposable cleaning roller, 1200 cards/roll	\$65.00
659375	SO Scratch-off mono ribbon with the disposable cleaning roller, 1200 cards/roll	\$70.00
659385	KO Dye-Sub Black & overlay ribbon with cleaning roller, 600 cards/roll	\$70.00

SMART-51 LAMINATES

659390	Clear patch type laminate film, 1mil (25mic), standard, 250 cards/roll	\$100.00
659392	Hologram patch type laminate film, 1mil (25mic), "Globe Flags", 250 cards/roll	\$128.00
659405	Hologram patch type laminate film, 1mil (25mic), "Celestial", 250 cards/roll	\$128.00
659398	Clear patch type laminate film, 1mil (25mic), smart cut, 250 cards/roll	\$100.00
900800	Alternating full Clear IC patch film front, 1/2 clear patch back, 1mil, 125 cards/roll, (Special Order)	\$128.00
900801	Alternating Full Clear Patch Film front, Half Clear Patch Film Back, 1mil, 125 cards/roll (Special Order)	\$110.00
900802	Hologram patch type laminate film, 1mil (25mic) "Genuine Medical", 250 images/roll	\$128.00
900803	Hologram patch type laminate film, 1mil (25mic) "Secure Globe", 250 images/roll	\$128.00
900804	Hologram patch type laminate film, 1mil (25mic) "Official Fire/Rescue", 250 images/roll (Special Order)	\$128.00
900805	Hologram patch type laminate film, 1mil (25mic) "Law Enforcement", 250 images/roll (Special Order)	\$128.00
900806	Alternating Full Hologram patch "Secure Globe" front, Full clear patch back, 1mil, 125 cards/roll	\$190.00
900807	Alternating Full Hologram patch "Secure Globe" front, 1/2 clear patch back, 1mil, 125 cards/roll	\$190.00
900808	Hologram patch type laminate film, 1mil(25mic) "Cannabis Secure", 250 cards/roll	\$219.00



SMART-70 Consumables

Part #	INK RIBBONS	MSRP
659111	YMCKO Full-color, resin black & overlay panel ribbon with cleaning roller, 500 cards/roll	\$175.00
659243	YMC Full-color panel ribbon with cleaning roller, 1000 cards/roll (must laminate or use with 659111)	\$2000.00
659113	YMCKOK Full color, two resin black and overlay panel ribbon with cleaning roller, 500 cards/roll	\$230.00
659112	YMCKO Half-color, resin black, overlay panel ribbon with cleaning roller, 1000 cards/roll (Special Order)	\$240.00
659114	YMCFKO Full-color and UV panel ribbon with cleaning roller, 500 cards/roll	\$240.00
659115	K Resin black ribbon with cleaning roller, 3000 cards/roll	\$70.00
659197	MS Resin metallic silver ribbon with cleaning roller, 3000 cards/roll	\$260.00
659198	MG Resin metallic gold ribbon with cleaning roller, 3000 cards/roll	\$260.00
659193	W Resin white ribbon with cleaning roller, 3000 cards/roll	\$175.00
659195	B Resin blue ribbon with cleaning roller, 3000 cards/roll	\$175.00
659194	R Resin red ribbon with cleaning roller, 3000 cards/roll	\$175.00
659196	SO Scratch-off mono ribbon with cleaning roller, 3000 cards/roll	\$185.00
659119	KO Black and overlay ribbon with cleaning roller, 1500 cards/roll	\$180.00

SMART-70 LAMINATES

659123	Clear patch type laminate film, 1mil, standard, 500 cards/roll	\$135.00
659CPFFH-7	Alternating Full-Clear-Patch-Film-Front, Half-Clear-Patch-Film-Back, 1mil (25mic), 250 cards/roll	\$214.00
659121	Hologram patch type laminate film, 1mil, "Globe Flags", 500 cards/roll	\$200.00
659W26-7	Hologram patch type laminate film, 1mil, "Genuine Medical", 500 cards/roll (Special Order)	\$270.00
659S34-7	Hologram patch type laminate film, 1mil, "Secure Globe", 500 cards/roll (Special Order)	\$270.00
659W25-7	Hologram patch type laminate film, 1mil, "Official Fire/Rescue", 500 cards/roll (Special Order)	\$270.00
659Q66-7	Hologram patch type laminate film, 1mil "Official Law Enforcement", 500 images/roll	\$270.00
659Y51FF-7	Alternating Full Hologram patch "Secure Globe" front, Full clear patch back, 1mil, 250 cards/roll	\$390.00
659Y51FH-7	Alternating Full Hologram patch "Secure Globe" front, Half clear patch back, 1mil, 250 cards/roll	\$390.00

Cleaning Kits & White Card



Long Cleaning Card
Automatic Cleaning
PN: 659909



Cleaning Rollers
PN: 659005 (30, 31, 50, 51)
PN: 659217 (70)



Cleaning Swab
Print Head & Roller Cleaning
PN: 659006-II



Primus Card
PVC, Composite, Proximity,
Polycarbonate, and more



Cleaning Pen
Print Head Cleaning
PN: 659007-II

SMART-31 SPECIFICATIONS

MODEL		SMART-31S	SMART-31D	SMART-31R	
		Single Sided	Dual Sided	Rewritable	
Printing	Print Type	Dye-Sublimation			
	Print Area	Edge to Edge			
	Resolution	300dpi			
	Dual Side Printing	Option (with Flipper)	Yes	No	
Card	Card Feeding	Automatic			
	Card Size	ISO CR80			
	Card Thickness	0.38mm (15mil) - 0.76mm (30mil)			
	Card Type	PVC, PET, Composite PVC	PVC, PET, Composite PVC	Rewritable Thermochromic Material	
Print Speed	Monochrome	5 sec./card (720 cards/hour)	5 sec./card (720 cards/hour)	Max. 12 sec./card (300 cards/hour)	
	YMCKO	Max. 23 sec./card (156 cards/hour)	Max. 23 sec./card (156 cards/hour)	—	
	YMCKOK	—	Max. 29 sec./card (124 cards/hour)	—	
Laminating	Mode	—	—	—	
	Film (Clear & Holographic)	—	—	—	
	Speed	Simultaneous Single Lamination	—	—	—
		One by One Single Lamination	—	—	—
Capacity	Input Hopper: Card	80			
	Output Hopper: Card	25			
System	Memory	64MB RAM			
	Display	—			
	Control Panel	1 LED Buttons			
	Supported Platforms	Microsoft Windows 7 / 8 / 10, Mac OS, Linux			
	Communication	USB/Ethernet (Option)			
	Power Supply	DC 24V			
	Power Consumption	48	48	48	
	Temperature/Humidity	15-35°C / 35 ~ 70%			
Dimensions	Millimeter (WxLxH)	172 x 377 x 190	172 x 472 x 190	172 x 377 x 190	
	Inch (WxLxH)	6.8 x 14.8 x 7.5	6.8 x 18.6 x 7.5	6.8 x 14.8 x 7.5	
Weight	Kg/lbs	4.5 / 10	5.2 / 11.5	8.8 / 19.4	
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			

SMART-51 SPECIFICATIONS

MODEL		SMART-51S	SMART-51D	SMART-51L	
		Single Sided	Dual Sided	Dual Sided & Laminator	
Printing	Print Type	... Dye-Sublimation ...			
	Print Area	... Edge to Edge ...			
	Resolution	... 300dpi (Color & Mono), 600 & 1200dpi (Mono only) ...			
	Dual Side Printing	Option (with Flipper)	Yes	Yes (Flipper Installed)	
Card Feeding	Card Feeding	... Automatic ...			
	Card Size	... ISO CR80 or CR79 (Option-Factory Installed) ...			
	Card Thickness	... 0.38mm (15mil) - 1.0mm (40mil) ...			
	Card Type	... PVC, PET, Composite PVC ...			
Print Speed	Monochrome	5 sec./card (720 cards/hour)	5 sec./card (720 cards/hour)	5 sec./card (720 cards/hour)	
	YMCKO	Max. 17 sec./card (212 cards/hour)	Max. 17 sec./card (212 cards/hour)	Max. 17 sec./card (212 cards/hour)	
	YMCKOK	—	Max. 22 sec./card (164 cards/hour)	Max. 22 sec./card (164 cards/hour)	
Laminating	Mode	—	—	Single & Dual	
	Film (Clear & Holographic)	—	—	0.6mil, 1.0mil	
	Speed	Simultaneous Single Lamination	—	—	22 sec./card (YMCK)
			—	—	32 sec./card (YMCKK)
		One by One Single Lamination	—	—	43 sec./card (YMCK)
—	—		53 sec./card (YMCKK)		
Capacity	Input Hopper: Card	... 100 Cards/200 Cards with cover open ...			
	Output Hopper: Card	... Front: 40 Cards/Rear: 100 Cards (Optional Rear-side Stacker) ...			
System	Memory	... 64MB RAM ...			
	Display	... 2 Line LCD ...			
	Control Panel	... 2 LED Buttons ...			
	Supported Platforms	... Microsoft Windows 7 / 8 / 10, Mac OS, Linux ...			
	Communication	... USB/Ethernet, WiFi (Option) ...			
	Power Supply	... DC 24V ...			
	Power Consumption	48	48	96	
	Temperature/Humidity	... 15-35°C / 35 - 70% ...			
Dimensions	Millimeter (WxLxH)	165 x 390 x 210	165 x 498 x 210	165 x 675 x 210	
	Inch (WxLxH)	6.5 x 15.4 x 8.3	6.5 x 19.6 x 8.3	6.5 x 26.6 x 8.3	
Weight	Kg/lbs	4.5 / 10	5.2 / 11.5	8.8 / 19.4	
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 ...			

SMART-70 SPECIFICATIONS

Printing	Print Type	Direct Dye-Sublimation
	Print Area	Edge to Edge
	Resolution	300dpi
Card	Card Feeding	Automatic
	Card Size	ISO CR80 (54mm x 86mm / 2.12' x 3.38")
	Card Thickness	0.38mm (15mil), 1.2mm (47mil)
	Card Type	PVC, Composite PVC, PET
Print Speed	Monochrome	3.6 sec./card (1,000 cards/hour)
	YMCKO	Max. 16 sec./card (225 cards/hour)
	YMCKOK	Max. 22 sec./card (164 cards/hour)
Capacity	Input Hopper	500 cards
	Output Hopper	Stacker: 100 cards / *Optional Output Hopper: 500 cards
System	Memory	64MB RAM
	Interface	2 Line LCD / 4 Buttons / 1 LED Indicator
	Supported Platforms	MS Windows 7 / 8 / 10 Mac OS, Linux
	Communication	USB, 2 USB Host, Ethernet
	Power	DC 24V, 2A
	Temperature/Humidity	15-35°C / 35 ~ 70%
Encoding Options	Magnetic	ISO 7811 (Track I, II, III Read/Write, HiCo/LoCo), JIS II
	Contactless	MIFARE, ISO 14443 (Type A/B), ISO 15693, DESFIRE, iCLASS
Security	Physical Lock	Ribbon
	S/W	PC authentication, Password authentication
Dimensions	Station Itself	Kensington Lock
	Millimeter	240 x 214 x 305
Weight	Inch (WxLxH)	9.5 x 8.4 x 12
	Kg/lbs	Approx. 6.3 kg (13.9lbs)

SMART-70 LAMINATOR

Laminating	Type	Direct Heating Lamination
	Speed	19 sec./card (Single-sided Laminating)
Laminating Film	Type	Clear, Holographic
	Thickness	0.6 mil, 1.0 mil
	Capacity	500 cards/Roll
System	Interface	2 Line LCD/4 Buttons/LED Indicator
	Communication	USB, RS-232C
	Power Supply	DC 24V, 2.3A
	Temperature/Humidity	15-35 °C / 35 ~ 70%
Security	Physical Lock	Laminating Film
	Station Itself	Kensington Lock
Dimensions	Millimeter	240(W) x 214(L) x 305(H)
	Inch	9.5(W) x 8.4(L) x 12(H)
Weight	Kg/lbs	Approx.6.1 kg (13.4lbs)

SMART-70 HYBRID FLIPPER

Encoding Options	Contact	ISO 7816 A/B/C Card, ISO 7816 1/2/3/4 Microprocessor Card
	Contactless	ISO 14443 (Type A/B), MIFARE, DESFIRE, iCLASS, ISO 18092 (NFC), Felica
Scanner Options	Image Scanner	Selectable 300 & 600 dpi Dual-Sided Image Scanning Resolution
	Scanning Speed	4.5 sec./card (300dpi), 6 sec./card (600dpi)
	Barcode Recognition	1D & 2D Barcode Recognition (Front/Back)
System	Communication	USB
	Power	DC24V, 2A
	Temperature/Humidity	15-35 °C / 35 ~ 70%
Security	Physical Lock	Encoder or Error Card
	Station Itself	Kensington Lock
Dimensions	Millimeter	110 x 204 x 305
	Inch	4.3 x 8.0 x 12
Weight	kg/lbs	Approx. 2.8 kg (6.2lbs) *Without Optional Modules

Error Card Bin

Ejection device for faulty card is equipped inside Flipper (Max. 30 cards)

*If encoder or scanner options are not selected, Error Card Bin will be provided

SMART-70 INPUT/OUTPUT HOPPER

Capacity	Input/Output	500 or 300 Cards Cartridge Selectable
	Feeding	Automatic
Card	Size	ISO CR80 (54mm x 86mm / 2.12' x 3.38")
	Thickness	0.38mm (15mil), 1.2mm (47mil)
	Type	PVC, Composite PVC, PET
Sensor	Residual Q'ty Sensor	Input: Near Empty & Empty / Output: Full Space
	Detection Sensor	Cartridge Mount Status Detectable
System	Communication	USB, RS-232C
	Power	DC 24V, 2A
	Temperature/Humidity	15-35 °C / 35 - 70%
Security	Physical Lock	Cartridge
	Station Itself	Kensington Lock
Dimensions	Input Hopper (WxLxH)	170 x 204 x 548 mm / 6.7 x 8.0 x 21.6 inch
	Output Hopper (WxLxH)	149 x 204 x 548 mm / 5.9 x 8.0 x 21.6 inch
Weight	Input Hopper (kg/lbs)	Approx. 3.7 kg (8.2 lbs)
	Output Hopper (kg/lbs)	Approx. 3.5 kg (7.6 lbs)

SMART-70X SPECIFICATIONS

MODEL		SMART-70X
Laser Engraving	Laser Type	6W Air-Cooled DPSS Laser, ND:YAG
	Resolution	1200dpi
	Scanning	Raster & Vector Scanning
	Engraving Mode	Single or Dual-sided Laser Engraving
	Speed	103 cards/hour (Single-Sided Laser Engraving Only)
	Warranty	20,000 hours
Card	Card Feeding	Automatic, Manual
	Card Size	ISO CR80 (54mm x 86mm / 2.12' x 3.38")
	Card Thickness	0.76mm (30mil)
	Card Type	Laserable PVC, PC (Polycarbonate) Card
Capacity	Input Hopper	Max. 500 Cards (Optional: SMART-70 Input Hopper)
	Output Hopper	Max. 500 Cards (Optional: SMART-70 Output Hopper)
	Error Card Bin	Max. 20 Cards
System	Display	LCD & LED
	Control Panel	4 Buttons
	Vision Camera	Laser Engraving Monitoring
	Supported Platforms	Microsoft Windows 7 / 8 / 10
	Communication	USB
	Power Supply	100V to 220V ±10%
	Temperature/Humidity	10-30 °C / 20 ~ 80%
Security	Physical Lock	Laser System, Error Card Bin
Options	Magnetic	ISO 7811 (Track I, II, III Read/Write, HiCo/LoCo), JIS II
	Contact	ISO 7816 A/B/C Card ISO 7816 1/2/3/4 Microprocessor Card
	Contactless	MIFARE, ISO 14443 (Type A/B), ISO 15693, DESFIRE, iCLASS
	CLI (Changeable Laser Image)	YES
Dimensions	Millimeter (WxLxH)	450 x 230 x 425
	Inch (WxLxH)	17.7 x 9.1 x 16.7
Weight	Kg/lbs	Approx. 25 kg (55lbs)
Laser Safety		IEC-60825-1 CLASS 1 Standard

PROXIMITY CARDS



**“Prox” / Proximity Supported formats include 26-Bit to 37-Bit.
Supported Brands include:
H10301, AMAG, AWID, Indala, Kantech, FarPointe,
Keri, Clock & Data, Honeywell, DSX, Keyscan,
Lenel, Napco, and others.**

(Please specify card format, facility number and card sequence on orders)



**PVC Proximity Cards, CR80, Glossy Printable, 100% PVC, 30mil.
MSRP: \$3.50 (MOQ 20)
Part Number: 900201**

**Composite Proximity Cards, CR80, Glossy Printable, Composite PET/PVC, 30mil.
MSRP: \$3.80 (MOQ 100)
Part Number: 900202**

**PVC Proximity Mag Cards, CR80, Glossy Printable, 100% PVC, 30mil.
MSRP: \$3.70 (MOQ 100)
Part Number: 900203**

**Composite Proximity Mag Cards, CR80, Glossy Printable, Composite PET/PVC, 30mil.
MSRP: \$3.90 (MOQ 100)
Part Number: 900204**

LANYARDS



Your customers will love the universal slide adapter and breakaway



Black Round 1/8" (3 mm) Standard with Nickel Plated Steel Swivel Hook
PN: 900620



Royal Blue 3/8" (10 mm) Breakaway Lanyard with Nickel-Plated Steel Swivel Hook
PN: 900640



Black 3/8" (10 mm) Breakaway Lanyard with Nickel-Plated Steel Swivel Hook
PN: 900625



3/8" (10 mm) White Lanyard with Nickel-Plated Steel Bulldog Clip
An economical lanyard solution for any event.
PN: 900645

An economical lanyard solution for any event

BADGE REELS



ROUND BADGE REELS MAKES SWIPING AND SCANNING YOUR CREDENTIALS EASY

Chrome, Plastic Badge Reel with Clear Vinyl Strap & Belt Clip
Chrome plastic ABS round badge reel with strap clip for slotted credentials.
PN: 900631



Black Badge Reel with Clear Vinyl Strap & Belt Clip
PN: 900630



PN: 900632
Royal Blue Badge Reel with Clear Vinyl Strap & Belt Clip



Strap Clip with 2-Hole NPS Clip (100 Pack)
Vinyl strap clip with nickel-plated steel 2-hole clip.
PN: 900634

White Badge Reel with Clear Vinyl Strap & Belt Clip
White round badge reel for slotted cards.
PN: 900633



BADGE REELS WORK GREAT FOR ACCESS CARDS

BADGE HOLDERS



PN: 900610

Vinyl Horizontal Proximity Card Holder

These clear vinyl proximity card holders feature a lock-in slot that holds ID extra securely.



PN: 900616

Economy Crystal Clear Vertical Side-Load Card Dispenser, 2.12" x 3.38"

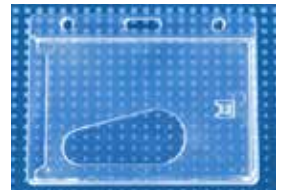
These affordable data/credit card size dispensers feature a convenient thumb-notch to make card removal quick and easy.



PN: 900615

Vinyl Vertical Proximity Card Holder, 2.5" x 3.63"

This holder features a lock-in slot that holds ID securely.



PN: 900617

Economy Crystal Clear Horizontal Side-Load Card Dispenser, 3.38" x 2.13"

These affordable data/credit card size dispensers feature a convenient thumb-notch to make card removal quick and easy.



IDP Americas, Inc.

1485 South County Trail - Unit 306,
East Greenwich, RI 02818

TEL +1.401.400.7111

FAX +1.401.667.7445

E-MAIL sales.na@idp-corp.com

IDP Corp., Ltd.

#601, 50, Digital-ro 33-gil,
Guro-gu, Seoul, Korea, 08377

TEL +82.2.6099.3700

FAX +82.2.6099.3717

E-MAIL sales@idp-corp.com

IDP Middle East

13F, Jafza View 18, Downtown
Jebel Ali P.O. Box 17588,

Dubai - U.A.E.

TEL +971.4.889.5900

E-MAIL manupark@idp-corp.com

www.idp-corp.com