IDP

SMARTECH ID
Total Access & Identity Solutions

SmartTech ID Company, Inc.
Telephone: +1 813-852-2010
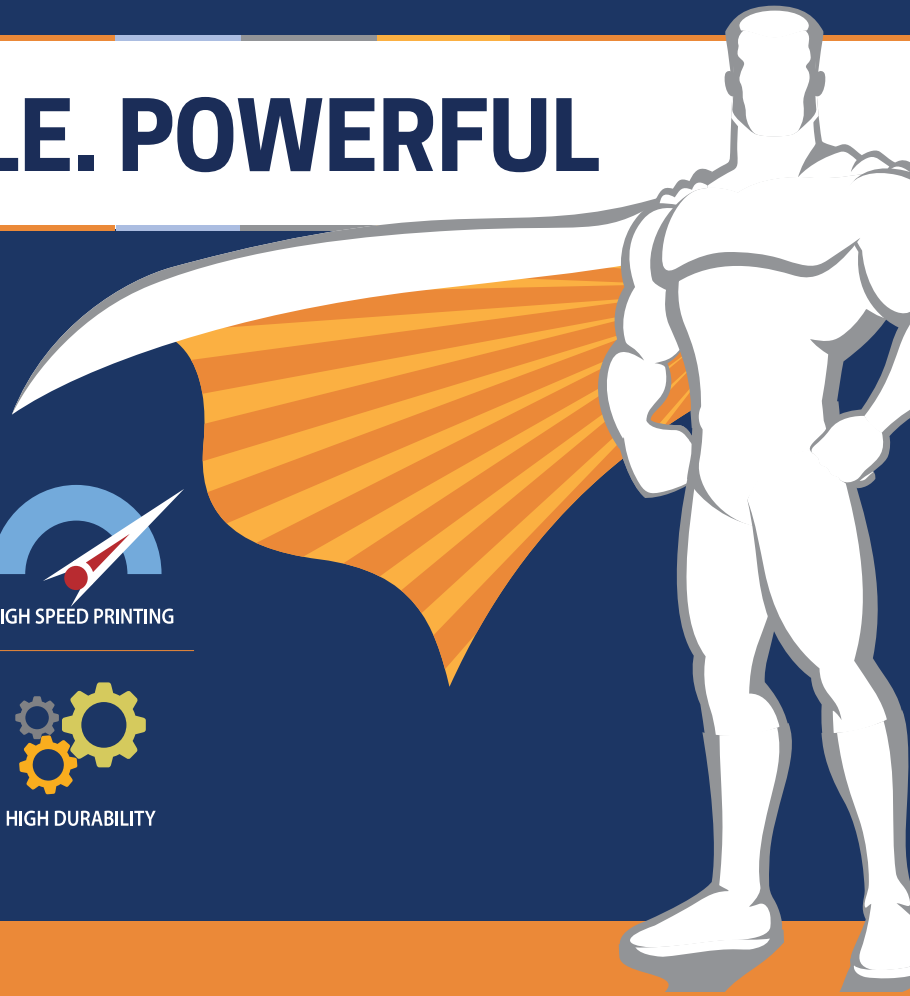Fax: +1 813-852-2523
E-mail: info@smarttechid.com
www.smarttechid.com

An Innovative ID Card Printer Technology Leader

FAST. RELIABLE. POWERFUL

CLEAR PRINTING & ENCODING

HIGH SECURITY

HIGH SPEED PRINTING

EASY ISSUING

POWERFUL NETWORKING

HIGH DURABILITY

smart Series

The SMART Series is manufactured by IDP Corporation. It 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.

The SMART series is designed to support a flexible user environment. You can easily add a flipper or laminator for dual sided printing or laminating, and add contact, contactless, or magnetic card encoders.

The enhanced FINE™ Imaging Technology of the SMART series enables you to print high quality images. The SMART Series is the perfect choice for Employee IDs, Membership Cards, Access Control Badges, Secure Government Credentials, Social Service Cards, and the instant issuance of Banking Cards.

IDP is the new era of Photo ID & Access Printers. Experience the flexibility and quality of our SMART series.

TECHNOLOGY

Refined printing with FINE™ Imaging Technology

Patented direct lamination offers 8-second heat-up

Field upgradable options for dual sided printing and laminating

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

Automatic ribbon recognition-no need for sensor & motor calibration

Eco friendly rewritable printing (SMART-30R)

Patented scratch-free 500 card input hoppers (SMART-70)

Reliably constructed with metal frames, shafts and ball bearings (SMART-50, 51 & 70)

SOFTWARE

SMART SDK, to develop customized applications

SMART Utilites, to check working status and adjust configurations

Smart ID for designing and issuing cards

On-Line technical support

## CONVENIENCE

User friendly design for desktop environment

LCD and LED Printer status displays

Easy Thermal Print Head (TPH) replacement

Easy access front input and output hoppers (SMART-30, 50, 51)

Drop-in ribbon cartridge (SMART-30 & 51)

Fully modular design (SMART-70)
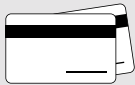
EASY ISSUANCE

SMART ID 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 ID offers advanced user tools such as database connections, camera and signature scanners plug-in support, as well as smart card reading and encoding.
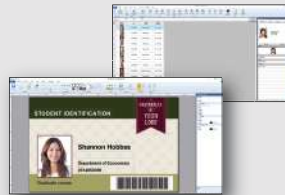
- Design and print (Image, Photo and Text)
- 1D & 2D Barcode printing
- Auto portrait (Auto face detection, adjustment of size & position)
- Printing of sequential numbers
- Card design templates
- Plug-in for supporting external devices (Sign pad, Camera, Scanner)
- Convenient card issuance and data management
- Magnetic stripe (MS), contact & contactless smart card encoding
  by using plug-in program

HIGH SECURITY

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

PC Authentication
Data Encryption
Password

- **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

---

POWERFUL NETWORKING

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

TCP/IP
SSL (Secure Socket Layer)

- 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

Available on the App Store

ANDROID APP ON Google play

• App developed by OCP (Open Card Print) on Android or iOS mobile device

The SMART-51 is the ideal solution for printing high-quality plastic cards in seconds.

The single-sided SMART-51S (51S) is a fast and reliable printer that can be easily upgraded to a dual sided printer by installing a flipper. In addition, the SMART 51S or 51D can be upgraded to a SMART-51L laminating printer with similar ease.

The patented direct lamination technology in the SMART-51L ensures an 8 second heat up time, the fastest in its class of products. IDP security laminate offers the durability of a drivers license or national ID cards as well as hundreds of features to fully customize each layer of security.

Increase the security and longevity of your cards today by adding lamination to your system.

- New Input Hopper (up to 200 cards)
- Removable Output Hopper (option)
- Support of Transparent Cards
- Cartridge Type Laminate Film Loading
- Support CR79 Cards (option)
- Front-Side Mag Encoding (option)

- All-in-One type Lock System (option)
- Kensington Security Lock (option)
- 100 Card Rear-side Stacker (option)

Single sided ID CARD PRINTER
smart-51 S

- Color & Mono Single Sided Printing
- Print Speed: Max. 17 sec./card (YMCKO)
- 300dpi with Edge-to-Edge Printing
- 2 Lines LCD with 2 LED Buttons for Front Operation
- Support of Transparent Cards
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Flipper, Laminator & Ethernet

Dual sided ID CARD PRINTER
smart-51 D

- Single or Dual Sided Printing
- Print Speed: Max. 22 sec./card (YMCKOK)
- 300dpi with Edge-to-Edge Printing
- 51S Field Upgradable to 50D
- 2 Lines LCD with 2 LED Buttons for Front Operation
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Laminator & Ethernet

Laminating ID CARD PRINTER
smart-51 L

- Single or Dual Sided Printing and Laminating
- Patented 8 Second Direct Lamination *patent
- Printing & Laminating Speed: Max. 22 sec./card (YMCK & Single Lamination)
- 300dpi with Edge-to-Edge Printing
- 51S & 51D Field Upgradable to 51L
- 2 Lines LCD with 2 LED Buttons for Front Operation
- Holographic Lamination for Visual Security & Card Durability
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Ethernet

• New Input Hopper
200 cards with cover open, 100 cards when closed

200 Cards loading

100 Cards loading

• Removable - Output Hopper

- Improvement of Print speed
- Enhanced FINE™ Imaging Technology
- State-of-the-art CPU
- Reduced Printing Noise
- All-in-one Lock system (option)
- Easy to Handle Laminate Film Cartridge

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

- **Front-side Mag Encoding** (*Option)
- **Support of Transparent Card**
- **Support CR79 Type** (Factory-installed, *Option)

Beyond Expandability,

Ultimate ID Card Printer Solution
smart 70

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

The SMART-70 consists of 5 different modules (Input Hopper, Printer, Hybrid Flipper, Laminator, Output Hopper) that can be configured in various combinations according to different customer requirements. Required modules can be easily added to extend functions depending on your needs.
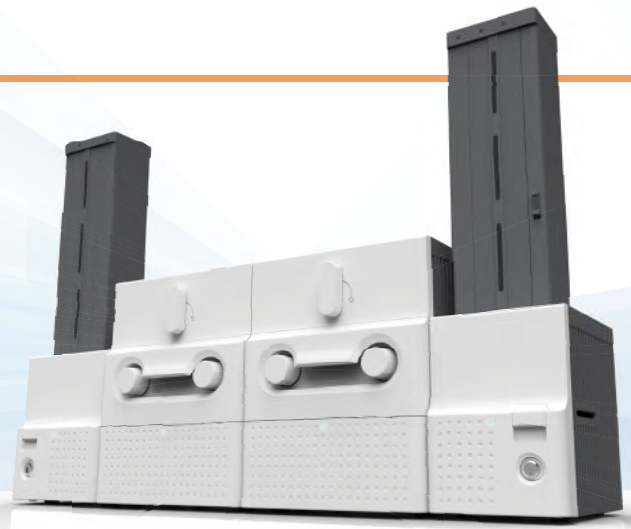
FLEXIBILITY

• Single sided Printing

• Single sided Printing & Laminating

• Dual sided Printing, Encoding

• Dual sided Printing, Encoding & Laminating

• Single sided Multi-Printing /
• Dual sided Multi-Printing, Laminating & Encoding

• Stand-alone Laminating

Multi - Printer Combination

9.9 SEC
364 cards/hour
Partial Area Printing (YMCKO)

12.5 SEC
288 cards/hour
Full Area Printing (YMCKO)

Extremely High Speed Printing

Input Hopper +
PRINTER (YMC) + PRINTER (KO)

* For Single sided Partial area or Full area Color Printing

Versatile Hopper

• High Volume In/Output Hopper
  (500 or 300 cards Cartridge Selectable)

• Multi- Hopper

• Residual Q'ty Sensor

• Physical Lock & Kensigton Lock

• Scratch Free

500 Cards loading

300 Cards loading

- Input Hopper
To disperse the weight of the stacked cards, the card mallet pushes cards to the weight dispersion point and the lowest card is drawn out by hook. This process prevents the stacked cards from making scratches on the lower cards' surface.

Weight dispersion point

- Output Hopper
When a card is put in the output hopper, to protect the card's surface, the loaded cards are raised by the support beam which is operated by the internal CAM.

▌FEATURES

• Hybrid Module

Installable Encoding modules
1D & 2D Barcode reader
Contact & Contactless Smartcard Encoder

Card Flipper

High Durability

Indicator LED

Physical Lock & Kensington Lock

• Output Hopper

Large Capacity
Max. 500 cards

Scratch Free

Residual Quantity Sensor
Full Space alert notifications

High Durability

Indicator LED

Physical Lock & Kensington Lock
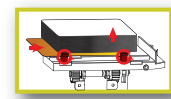
• Input Hopper

Large Capacity
Max. 500 cards

Scratch Free

Hook for Card-In

Residual Quantity Sensor
    Near empty & empty alert notifications

High Durability / Indicator LED

Physical Lock & Kensington Lock

• Printer

High Speed Printing
Max. 1,000 cards/h (Mono), Max. 225 cards/h (YMCKO)

Enhanced FINE™ Imaging Technology

Drawer type film cartridge

Installable MS & Contactless Encoder

LCD & Button / Indicator LED

High Durability

Physical Lock & Kensington Lock

• Laminator

No warming-up time
Instant direct heating mechanism

Scratch Free

Drawer type laminate cartridge

LCD & Button / Indicator LED

High Durability

Physical Lock & Kensington Lock

• Stacker
Max. 80 cards

| Input Hopper | Printer | Hybrid | Laminator | Output Hopper | Full Modular |

Easily Upgradeable, No need for Tools or Technician
Just connect each station and synchronize

Multiple Hopper
○Ideal for KIOSK

MULTIPLE HOPPER
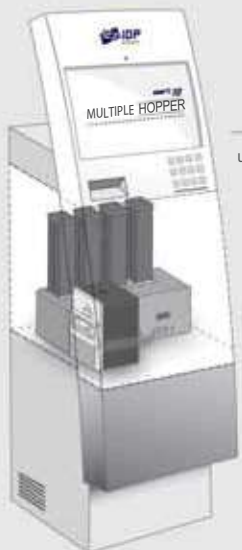
max. **"3,000"**
cards loading

up to **"6"** different
type cards loading

○Stand-Alone Laminator

TURN ON
○ and ○
LAMINATE NOW!

No Need For Device Driver or PC
-Single Feed or Multi-Card

○High Durability

Metal Frame

Metal Shaft & All Bearing

smart

SMART, Smarter than any other ID Card Printer

Single sided ID CARD PRINTER
smart-50S
650793

$1690

- Color & Mono Single Sided Printing
- Print Speed: Max. 18 sec./card (YMCKO)
- 300dpi with Edge-to-Edge Printing
- 2 Lines LCD with 2 LED Buttons for Front Operation
- Advanced Cleaning Roller
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless, SIM
- Upgradable Modules: Flipper, Laminator & Ethernet

Dual sided ID CARD PRINTER
smart-50D
650842

$2390

- Single or Dual Sided Printing
- Print Speed: Max. 24 sec./card (YMCKOK)
- 300dpi with Edge-to-Edge Printing
- 50S Field Upgradable to 50D
- 2 Lines LCD with 2 LED Buttons for Front Operation
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless, SIM
- Upgradable Modules: Laminator & Ethernet

smart-30 Series *is Value for Everyone!*

Single sided ID CARD PRINTER
smart-30S
651075

$1390

- Color & Mono Single Sided Printing
- Print Speed: Max. 23 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
- Upgradable Modules: Flipper, Dual-Sided Printing & Ethernet

Dual sided ID CARD PRINTER
smart-30D
651106

$1990

- Single or Dual Sided Printing
- Print Speed: Max. 29 sec./card (YMCKOK)
- 300dpi with Edge-to-Edge Printing
- 30S Field Upgradable to 30D
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Ethernet

Laminating ID CARD PRINTER

smart-50L

650982

$4490

- Single or Dual Sided Printing and Laminating
- 8 Second Heat-Up Time with Direct Heating Lamination *patent
- Printing & Laminating Speed: Max. 23 sec./card
  (YMCK & Single Lamination)
- 300dpi with Edge-to-Edge Printing
- 50S & 50D Field Upgradable to 50L
- 2 Lines LCD with 2 LED Buttons for Front Operation
- Holographic Lamination for Visual Security & Card Durability
- Installable Encoders: MS, Contact & Contactless, SIM
- Upgradable Modules: Ethernet

Value class

Rewritable ID CARD PRINTER

smart-30R

651077

$1370

- Direct Thermal Rewritable Method
- Rewrite Speed: Max. 12 sec./card
- LED Button for Front Operation
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Ethernet

Applications

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

High-Security

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

Networking

TCP/IP

SSL (Secure Socket Layer)

Available encoding:
Contact & Contactless smart card by Ethernet

Rewritable

ERASE   Rewrite

Rewrite   ERASE

Provides a cost effective solution!

Retransfer class

Applications

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

Print with Security

UV Printing

Media Cassettes

Security Erase

Reverse-transfer printing process

2. Image is transferred Onto a card

1. YMCK printing on Re-transfer film.

3. Finished card

Consumables

Ink Ribbon & Retransfer Film

Retransfer class   ID CARD PRINTER

WiSE - CXD80S or D

$4390 or $5290

❚ FEATURES

- Color & Mono Single or Dual Sided Printing
- Print Speed : 29 sec./card (YMCK)
- 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

Retransfer class   ID CARD LAMINATOR

WiSE - CL600S or D

The Superior Quality of Lamination Printing for High Security ID Cards

$2990 or $3990

WISE-CL600 Laminator   WISE-CXD80 Printer

Specifications

Model		WISE-CXD80S (Single side)	WISE-CXD80D (Dual sides)
Printing	Print Type	Dye Sublimation / Resin Thermal Retransfer	
	Print Area	Full Bleed (Real edge-to-edge)	
	Resolution	300 dpi	
Card	Card Feeding	Automatic	
	Card Size	ISO CR80 (54mm x 86mm / 2.12"x3.38")	
	Card Thickness	0.25mm(10mil) ~ 1.0mm(40mil)	
	Card Type	PVC, Composite PVC, PET	
Print Speed	YMCK	29 sec./card (124 cards/hour)	29 sec./card (124 cards/hour)
	YMCKK	-	40 sec./card (90 cards/hour)
Capacity	Input & Output	100 cards each(0.76mm)	
System	Supported Platform	Microsoft Windows 2000 Pro., XP, Vista, Windows Sever 2003 R2 SP2, Sever 2008	
	Communication	USB2.0, Ethernet fitted as standard	
	Power Supply	Max. 3A (100V to 120V), Max. 1.5A (220V to 240V)	
	Temperature/Humidity	15~35 ℃ / 35~70%	
Dimensions	Dimensions (WxLxH)	343mm (13.5") x 322mm (12.7") x 335mm (13.2")	
	Weight (kg/lbs)	13.0 / 28.7 (without optional unit)	15.5 / 34.2 (without optional unit)
Ribbon		YMCK (1,000 prints), YMCKK (750 prints), YMCKUV (750 prints), YMCKPO (750 prints)	
		Retransfer Film (1,000 prints)	
Options		Magnetic stripe Encoding (HiCo/LoCo), Contact chip Encoding (Read/Write)	
		Contactless Encoding, Bend Remedy Unit, Lamination Unit (*WISE-CL600)	
Certifications		CE, FCC, KC	

IDP Ordering Guide

SMART-30 Series Entry Level Printers

Part Num	Description	Ink Ribbons	MSRP
651075	SMART-30S, Single Sided Printer, USB		$1,390.00
651095	SMART-30SN, Single Sided Printer, USB, Eth.		$1,690.00
651106	SMART-30D, Dual Sided Printer, USB		$1,990.00

Kits:	Add a "K" to any part number below and get: 1 YMCKO Ribbon (250 prints), 100 cards, and a Long Cleaning Card (add price to printer of choice)	MSRP $87.50
Bundle:	Add a "B" to any part number below & get: Kit plus a web camera compatible with Windows PC's & IDP's Smart ID Application (add price to printer of choice)	$336.50

SMART-50/51 Series Mid- Range Printers

Part Num	Description	MSRP
650793	SMART-50S, Single Sided Printer, USB	$1,690.00
650792	SMART-50SN, Single Sided Printer, Eth., USB	$2,190.00
650842	SMART-50D, Dual Sided Printer, USB	$2,390.00
650858	SMART-50DN, Dual Sided Printer, Eth., USB	$2,890.00
650982	SMART-50L Dual Sided Printer & Laminator, USB	$4,490.00
650984	SMART-50L Dual Sided Printer & Laminator, Eth., USB	$4,990.00
651302	SMART-51S, Single Sided Printer, USB	TBD
TBD	SMART-51SN, Single Sided Printer, Eth., USB	TBD
651303	SMART-51D, Dual Sided Printer, USB	TBD
TBD	SMART-51DN, Dual Sided Printer, Eth., USB	TBD
651316	SMART-51L Dual Sided Printer & Laminator, USB	TBD
TBD	SMART-51L Dual Sided Printer & Laminator, Eth., USB	TBD

SMART-70 High Speed/High Capacity Printers

	Description	MSRP
IPS	SMART-70 (single)w/500 Card Input Hopper & 100 card exit box	$3,680.00
IPFS	SMART-70 dual)w/500-Card Input Hopper, Flipper & 100 card exit box	$4,470.00
IPFO	SMART-70 (dual) w/500-Card Input Hopper, Flipper & 500-Card Output Hopper	$6,060.00
IPLS	SMART-70 (single)w/Laminator and 100 card exit box	$6,070.00
IPFLS	SMART-70 (dual) w/500-Card Input Hopper, Flipper, Laminator & 100 card exit box	$6,860.00
ILS	SMART-70 Laminator(single) w/500-Card Input Hopper and 100 card exit box	$3,580.00

WISE Retransfer Printers

Part Num	Description	MSRP
670100	Wise CXD80 Single Sided Card Printing Mode *Bend Remedy Unit Installed	$4,390.00
670101	Wise CXD80 Dual-sided Printing Model (not installed Bend Remedy Unit)	$5,290.00
670113	Wise CXD80 (CL600S) Single-sided laminator	$2,990.00
670114	Wise CXD80 (CL600D) Dual-sided Laminator	$3,990.00

SMART-30 & 50 Series Consumables

Part Num	Description — Ink Ribbons	Prints	MSRP
650634	YMCKO Full-color, resin black and overlay panel ribbon with cleaning roller	250	$75.00
650637	YMCKOK Full-color, two resin black and overlay panel ribbon with cleaning roller	200	$87.00
650640	YMCKO Half color, resin black, overlay panel ribbon with cleaning roller	350	$80.00
659000	YMCFKO Full-color and UV panel ribbon with cleaning roller	200	$100.00
650653	K Resin Black ribbon with cleaning roller	1200	$25.00
650681	MS Resin metallic silver ribbon with the disposable cleaning roller	1200	$100.00
650682	MG Resin metallic gold ribbon with the disposable cleaning roller	1200	$100.00
650663	W Resin white ribbon with the disposable cleaning roller	1200	$65.00
650665	B Resin blue ribbon with the disposable cleaning roller	1200	$65.00
650664	R Resin red ribbon with the disposable cleaning roller	1200	$65.00
650660	SO Scratch-off mono ribbon with the disposable cleaning roller	1200	$70.00
650655	KO Dye-Sub Black and overlay ribbon with cleaning roller	600	$70.00

Part Num	Description — Laminates	Prints	MSRP
659028	Clear patch type laminate film, 1mil (25mic)	250	$85.00
659029	Hologram patch type laminate film, 1mil (25mic) "Globe Flag"	250	$128.00
659066	Clear patch type laminate film, 1mil (25mic), smart card IC contact cutout	250	$85.00
659066FH	Alt full Clear IC contact patch film front, 1/2 clear patch back, 1mil, Duplex	125	$128.00
659365	Alt Full Clear Patch Film front, Half Clear Patch Film Back, 1mil, Duplex	125	$102.00
659W26	Hologram patch type laminate film, 1mil(25mic) "Genuine Medical"	250	$128.00
659W24	Hologram patch type laminate film, 1mil(25mic) "Secure Globe"	250	$128.00
659W25	Hologram patch type laminate film, 1mil(25mic) "Official Fire/Rescue"	250	$128.00
659Q63	Hologram patch type laminate film, 1mil(25mic) "Official Police"	250	$128.00
659Y51FF	Alt Full Hologram patch "Secure Globe" front, Full clear patch back, 1mil, Duplex	125	$190.00
659Y51FH	Alt Full Hologram patch "Secure Globe" front, 1/2 clear patch back, 1mil, Duplex	125	$190.00

SMART-51 Series Consumables

Part Num	Description — Ink Ribbons	Prints	MSRP
659366	YMCKO Full-color, resin black&overlay panel ribbon w/cleaning roller	250	TBD
659376	YMCKOK Full-color, 2 resin black&overlay panel ribbon w/cleaning roller	200	TBD
659378	YMCKO Half color, resin black, overlay panel ribbon w/cleaning roller	350	TBD
659380	YMCFKO Full-color and UV panel ribbon w/cleaning roller	200	TBD
659367	K Resin Black ribbon with cleaning roller	1200	TBD
659373	MS Resin metallic silver ribbon w/disposable cleaning roller	1200	TBD
659374	MG Resin metallic gold ribbon w/disposable cleaning roller	1200	TBD
659370	W Resin white ribbon w/disposable cleaning roller	1200	TBD
659372	B Resin blue ribbon w/disposable cleaning roller	1200	TBD
659371	R Resin red ribbon w/disposable cleaning roller	1200	TBD
659375	SO Scratch-off mono ribbon w/disposable cleaning roller	1200	TBD
659385	KO Dye-Sub Black and overlay ribbon w/cleaning roller	600	TBD

Part Num	Description — Laminates	Prints	MSRP
659390	Clear patch type laminate film, 1mil (25mic)	250	TBD
659398	Hologram patch type laminate film, 1mil (25mic)	250	TBD
TBD	Alt full Clear IC contact patch film front, 1/2 clear patch back, 1mil, Duplex	125	TBD
TBD	Alt Full Clear Patch Film front, Half Clear Patch Film Back, 1mil, Duplex	125	TBD
TBD	Hologram patch type laminate film, 1mil(25mic) "Genuine Medical"	250	TBD
TBD	Hologram patch type laminate film, 1mil(25mic) "Secure Globe"	250	TBD
TBD	Hologram patch type laminate film, 1mil(25mic) "Official Fire/Rescue"	250	TBD
TBD	Hologram patch type laminate film, 1mil(25mic) "Official Police"	250	TBD
TBD	Alt Full Hologram patch "Secure Globe" front, Full clear patch back, 1mil, Duplex	125	TBD
TBD	Alt Full Hologram patch "Secure Globe" front, 1/2 clear patch back, 1mil, Duplex	125	TBD

SMART-70 Series Consumables

Part Num	Description — Ink Ribbons	Prints	MSRP
659111	YMCKO Full-color, resin black and overlay panel ribbon w/cleaning roller	500	$150.00
659243	YMC Full-color panel ribbon with cleaning roller (use with laminate or 659119)	1000	$190.00
659113	YMCKOK Full-color, two resin black and overlay panel ribbon w/cleaning roller	500	$220.00
659112	YMCKO Half color, resin black, overlay panel ribbon w/ cleaning roller	1000	$230.00
659114	YMCFKO Full-color and UV panel ribbon w/cleaning roller	500	$230.00
659115	K Resin Black ribbon w/cleaning roller	3000	$62.00
659197	MS Resin metallic silver ribbon w/cleaning roller	3000	$250.00
659198	MG Resin metallic gold ribbon w/cleaning roller	3000	$250.00
659193	W Resin white ribbon w/cleaning roller	3000	$165.00
659195	B Resin blue ribbon w/cleaning roller	3000	$165.00
659194	R Resin red ribbon w/cleaning roller	3000	$165.00
659196	SO Scratch-off mono ribbon w/cleaning roller	3000	$175.00
659119	KO Black and overlay ribbon w/cleaning roller	1500	$170.00

Part Num	Description — Laminates	Prints	MSRP
659123	Clear patch type laminate film, 1mil	500	$140.00
659CPFFH-7	Alt Full-Clear-Patch-Film-Front, Half-Clear-Patch-Film-Back, 1mil(25mic)	250	$204.00
659121	Hologram patch type laminate film, 1mil, "Globe Flag"	500	$205.00
659W26-7	Hologram patch type laminate film, 1mil "Genuine Medical" (special order)	500	$260.00
659S34-7	Hologram patch type laminate film, 1mil "Secure Globe" (special order)	500	$260.00
659W25-7	Hologram patch type laminate film, 1mil "Official Fire/Rescue"(special order)	500	$260.00
659Q66-7	Hologram patch type laminate film, 1mi "Official Police" (special order)	500	$260.00
659Y51FF-7	Alt full Hologram patch "Secure Globe" front, Full clear patch back, 1mil, Duplex	250	$380.00
659Y51FH-7	Alt full Hologram patch "Secure Globe" front, 1/2 clear patch back, 1mil, Duplex	250	$380.00

Part Num	Description — Cards	MSRP
900201	Proximity White, 26-bit, CR80.30 Mil, Graphic Quality Cards (MOQ 20)	$3.50
900202	Proximity White Composite, 26-bit, CR80.30 Mil, Graphic Quality Cards (MOQ100)	$3.80
900001	White PVC, CR80.30 Mil, Graphic Quality PVC Cards, Qty. 500	$89.00
900002	White 80/20 Composite, CR80.30 Graphic Quality PVC/PET Cards, Qty. 500	$160.00
900300	Mylar Adhesive Backed Cards, CR79, 14mils, Qty 100	$59.00

WISE CXD80 Series Consumables

Part Num	Description — Ink Ribbons	Prints	MSRP
670106	YMCK Full Color Ink Ribbon "Package Deal" with Retransfer Film	1000	$490.00
670107	YMCK Full Color Ink Ribbon	1000	$420.00
670109	YMCKK Full Color with additional K Ink Ribbon	750	$440.00
670110	YMCKUv Full Color & Ultra Violet Ink Ribbon roll	750	$440.00
670111	Retransfer Film	1000	$160.00
670112	YMCKPO Full Color + PealOff Ink Ribbon with Retransfer Film *PACKAGE DEAL	750	$590.00

Part Num	Description — Laminates	Prints	MSRP
670115	Clear 1.0 mil Patch film (600 images/roll)	600	$190.00
670116	Clear 1.0 mil Patch w/smart card cut (600 images/roll) -A type-	600	$240.00
670117	Clear 1.0 mil Patch w/smart card cut (600 images/roll) -B type-	600	$240.00
670D80-W	Waves Generic Hologram, Overlay Thinfilm, Wallpaper, 1200image/roll	1200	$240.00
670Y13-W	Globe Flags 1.0 mil Patch film (600image/roll)	600	$450.00
670118	Snowflake Hologram, Overlay Film (1,000 images/roll)	1000	$450.00
670C60	WISE Clear Overlay ThinFilm, 1000 images per roll	1000	$190.00

Cleaning Supplies

Part Num	Description	MSRP
659008	Long cleaning card kit(10pcs) compatible w/all SMART Printers (auto-clean function)	$60.00
659005	SMART-30 and 50 Series Cleaning roller kit (10pcs)	$45.00
659217	SMART-70 Cleaning Roller Kit (10pcs)	$65.00
670119	WISE Retransfer Large sticker cleaning card kit (10pcs)	$110.00
670120	WISE Retransfer Cleaning card kit for magnetic head cleaning (10pcs)	$60.00

Part Num	Description — Badge Accessories	MSRP
900630	Badge Reel, Slide Clip, Clear Strap, 3 Colors to Choose From (Red, Black, Blue) 25-Pack	$54.00
900610	Clear Horizontal Badge Holder 100 pack	$75.00
900615	Clear Vertical Badge Holder 100 pack	$95.00
900620	1/8" Round Braid Non-Breakaway Lanyard, 10 colors, 100 pack	$125.00
900625	1/8" Round Braid Breakaway Lanyard, 10 colors, 100 pack	

STOCK HOLOGRAMS

Fire/Rescue   Globe Flags   Medical Genuine   Police Official   Globe Secure   Waves (wise only)

BLANK CARDS & PROXIMITY CARDS

Primuss Card & IDProx Pro

PVC, Composite, Adhesive CR80

smart-70 Printer

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: Card	500 cards
	Output Hopper: Card	Stacker : 80 cards / *Optional Output Hopper : 500 cards
System	Memory	64MB RAM
	Interface	2 Line LCD / 4 Buttons / 1 LED Indicator
	Supported Platforms	MS Windows 2000/ 2003/ XP/ Vista/ 7/ 8 /10, Mac OS, Linux
	Communication	USB, 2 USB Host, Ethernet
	Power Supply	Free voltage (AC 100/ 220V, 50~60Hz)
	Power Consumption	24V, 2A
	Temperature/Humidity	15~35 ℃ / 35~70%
Security	Physical Lock	Ribbon
	S/W	PC authentication, Password authentication
	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. 6.3 kg/13.9 lbs

smart-70 Hybrid Module

Encoding Sensor	Contact	ISO 7816 A/B/C Card, ISO 7816 1/2/3/4 Microprocessor Card
	Contactless	ISO 14443 (Type A/B), Mifare, DEFIRE, iCLASS, ISO 18092(NFC), Felica
	Scanner & Barcode Reader	300 & 600 dpi image scannig, 1D & 2D Barcode Reader (Front/Back)
System	Communication	USB
	Power Supply	Free Voltage (AC 100/ 220V, 50~60Hz)
	Power Consumption	24V, 2A
	Temperature/Humidity	15~35 ℃ / 35~70%
Security	Physical Lock	Encoder
	Station Itself	Kensington Lock
Dimensions	Millimeter	110 (W) x 204 (L) x 305 (H)
	Inch	4.3 (W) x 8.0 (L) x 12 (H)
Weight	kg/lbs	TBD

smart-70 Laminator

Laminating	Type	Direct Heating Lamination
	Speed	14 sec./card (Single-sided Laminating)
Laminating Film	Type	Clear, Holographic
	Thickness	0.6mil, 1.0mil
	Capacity	500 cards/Roll
System	Interface	2 Line LCD / 4 Buttons / 1 LED Indicator
	Communication	USB, RS-232C
	Power Supply	Free Voltage (AC 100/ 220V, 50~60Hz) / 24V, 2A
	Temperature/Humidity	15~35 ℃ / 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/13.4 lbs

smart-70 Input/Output Hopper

Capacity	Input / Output	Max. 500 cards
	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	Free Voltage (AC 100/ 220V, 50~60Hz) / 24V, 2A
	Temperature/Humidity	15~35 ℃ / 35~70%
Security	Physical Lock	Cartridge
	Station Itself	Kensington Lock
Dimensions	Input Hopper (W x L x H)	170 x 204 x 548 mm / 6.7 x 8.0 x 21.6 inch
	Output Hopper (W x L x H)	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 -51-50-30 Series

Model		Standard Class			Value Class		
		SMART-51/50S	SMART-51/50D	SMART-51/50L	SMART-30S	SMART-30D	SMART-30R
		Single Sided	Dual Sided	Dual Sided & Laminator	Single Sided	Dual Sided	Rewritable
Printing	Print Type	Dye-Sublimation	Dye-Sublimation	Dye-Sublimation	Dye-Sublimation	Dye-Sublimation	Thermal Transfer
	Print Area	Edge to Edge					
	Resolution	300dpi					
	Dual Side Printing	Option (with Flipper)	Yes	Yes (Flipper Installed)	Option (with Flipper)	Yes	No
Card	Card Feeding	Automatic					
	Card Size	ISO CR80 or ISO CR79 (Option-Factory installed)			ISO CR80		
	Card Thickness	0.38mm (15mil), 1.0mm (40mil)			0.38mm (15mil), 0.76mm (30mil)		
	Card Type	PVC, PET, Composite PVC	PVC, PET, Composite PVC	PVC, PET, Composite PVC	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)	5 sec./card (720 cards/hour)	5 sec./card (720 cards/hour)	5 sec./card (720 cards/hour)	Max. 12 sec./card (300 cards/hour)
	YMCKO	*51*-Max. 17 sec./card (212 cards/hour *50*-Max. 18 sec./card (200 cards/hour)	*51*-Max. 17 sec./card (212 cards/hour *50*-Max. 18 sec./card (200 cards/hour)	*51*-Max. 17 sec./card (212 cards/hour *50*-Max. 18 sec./card (200 cards/hour)	Max.23 sec./card (156 cards/hour)	Max. 23 sec./card (156 cards/hour)	-
	YMCKOK	-	*51*-Max. 22 sec./card (164 cards/hour *50*-Max. 24 sec./card (150 cards/hour)	*51*-Max. 22 sec./card (164 cards/hour *50*-Max. 24 sec./card (150 cards/hour)	-	Max. 29 sec./card (124 cards/hour)	-
Laminating	Mode	-	-	Single & Dual	-	-	-
	Film (Clear & Holographic)	-	-	0.6mil, 1.0mil	-	-	-
	Speed Simultaneous (Single Lamination)	-	-	*51*-Max. 22 sec./card-YMCK *50*-Max. 23 sec./card-YMCK	-	-	-
		-	-	*51*-Max. 32 sec./card-YMCKK *50*-Max. 33 sec./card-YMCKK	-	-	-
	One by One (Single Lamination)	-	-	*51*-Max. 43 sec./card-YMCK *50*-Max. 44 sec./card-YMCK	-	-	-
		-	-	*51*-Max. 53 sec./card-YMCKK *50*-Max. 54 sec./card-YMCKK	-	-	-
Capacity	Input Hopper: Card	100 Cards / 200 Cards with cover open (51)			80		
	Output Hopper: Card	Front : 40 Cards / Rear : 100 Cards (Optional Rear-side Stacker) (51)			25		
System	Memory	64MB RAM					
	Display	2 Line LCD			-		
	Control Panel	2 LED Buttons			1 LED Button		
	Supported Platforms	Microsoft Windows 2000/ 2003/ XP/ Vista/ 7/ 8 /10, Mac OS, Linux					
	Communication	USB, Ethernet (Option)					
	Power Supply	Free Voltage (AC 100/ 220V, 50~60Hz)					
	Power Consumption	48	48	96	48	48	48
	Temperature/Humidity	15~35℃ / 35~70%					
Dimensions	Millimeter (WxLxH)	*51*- 165 x 390 x 210 *50*- 170 X 420 X 195	*51*- 165 x 498 x 210 *50*- 170 X 510 X 195	*51*- 165 x 675 x 210 *50*- 170 X 700 X 195	172 x 377 x 190	172 x 472 x 190	172 x 377 x 190
	Inch (WxLxH)	*51*- 6.5 x 15.4 x 8.3 *50*- 6.7 X 16.5 X 7.7	*51*- 6.5 x 19.6 x 8.3 *50*- 6.7 X 20.0 X 7.7	*51*- 6.5 x 26.6 x 8.3 *50*- 6.7 X 27.6 X 7.7	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	*51*- 5.2/11.5 *50*- 5.5/12	*51*- 8.8/19.4 *50*- 9.2/20	3.4 / 7.5	4.2 / 9.5	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, C-tick		

*Print Speed : May change under specific condition.

Specifications and availability may change without notice.

SMART, Smarter than any other ID Card Printer! **smart**

ID IDP