DTC SINGLE-SIDED
ID CARD PRINTER

Low- to Mid-Volume Printing Solution
Delivering Reliable Everyday Card Issuance



New Features

- **30% Faster Output** 260 Cards/Hour YMCKO
- **2-Line LCD Display** for Simple Front Operation
- **40% Larger Ribbon — 350 YMCKO Prints/Roll**
- **Compact, Lightweight & Built to Last**
- **New multi-core CPU & 8x larger memory** (512MB RAM)
- **Built-in Ethernet**
- **Removable Output Hopper**

SMART-32S

- NEW! Next Generation of the SMART-31S
- Fast, Quiet with User-Friendly Control
- Flexible, Upgradeable & Reliable
- FINE™ Imaging Technology
- 300x1200dpi
- Best-In-Class Warranty: 3-Year Advanced Exchange

Reliable Performance. Professional Results.

Introducing the SMART-32S Single-Sided ID Card Printer—a compact, affordable solution designed to deliver fast, dependable printing and professional-quality credentials for everyday issuance.

A new multi-core CPU and 512 MB RAM support printing speeds of up to 260 cards/hour (YMCKO). Its compact, lightweight design, front-access card handling, and simple LED controls keep everyday operation straightforward, with an optional two-line LCD for added convenience.

The 350-print YMCKO ribbon provides 40% more capacity, reducing changeovers and cost per card. Standard USB and Ethernet, multi-platform utility, and optional encoding simplify integration. An optional flipper provides a path to dual-sided printing as your needs change.



Issuance

SMART IDesigner simplifies card design, issuance, and data management with your SMART-32S. Create customized credentials in minutes using intuitive tools for images, photos, text, and barcodes.

Advanced features include database connections, camera and signature-device plug-ins, and smart card reading and encoding with compatible optional encoders.

- Design and print (Image, Photo, and Text)
- 1D, 2D & QR Code Barcode printing
- Automatic portrait detection, sizing, & positioning
- Sequential number printing
- Card design templates
- Camera, scanner, and signature-pad plug-ins
- Convenient card issuance and data management
- Magnetic stripe, contact, and contactless encoding via compatible plug-ins

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** restricts printer use to an authorized PC
- **DATA ENCRYPTION** over USB & SSL (Secure Socket Layer) over Ethernet
- **KENSINGTON LOCK** available for added physical security
- **SNMPv3** support over Ethernet

Networking

Standard built-in Ethernet & USB connectivity make the SMART-32S easy to integrate into your issuance environment.

- **“Single-wire” printing and encoding** lets you print cards and encode magnetic stripes, contact chips, and contactless smart cards over your network when equipped with optional encoding modules.
- The **SMART Ethernet module** can be configured to accept “open card protocol” print commands for direct printing without a driver.

Technical Specifications

SMART-32S Simplex ID Card Printer

PRINTING

Print Type	Direct-to-Card/Dye-Sublimation
Print Area	Single-Sided/Edge-to-Edge
Print Type	300dpi (Color & Mono), 600 &1200dpi (Mono only)

PRINT SPEED

Monochrome	Max. 720 cards/hour
YMCKO	Max. 260 cards/hour
YMCKOK	N/A

SYSTEM

Memory	512MB RAM (additional 4GB with gender board)
Display & Control	2 Line LCD Display | 2 LED Buttons/Non-LCD (Option)
Supported Platforms	Microsoft Windows 10 & 11; macOS; Linux
Communication	USB, built-in Ethernet, & optional Wi-Fi
Power Supply	DC 24V
Power Consumption	48W
Temp./Humidity	15~35°C/35~70%

CERTIFICATIONS

CARD

Card Feeding	Automatic
Card Size	ISO CR80
Card Thickness	0.38mm (15mil) ~ 0.76mm (30mil)
Card Type	PVC, PET & PVC Composite, Glossy Printable

CAPACITY

Input Hopper	80 Cards
Output Hopper	25 Cards

DIMENSIONS

Milimeter (WxLxH)	167 x 383 x 191
Inch (WxLxH)	6.6 x 15.1 x 7.5

WEIGHT

Kg/lbs	3.2 / 7.1

ENCODING OPTIONS

Magnetic	IS07811 (Track I,II,III Read/Write, HiCo/LoCo), JIS II
Contact	IS0 7816 (ID-1)
Contactless	MIFARE, ISO 14443 (Type A/B), IS0 15693 DESFIRE, iCLASS

654221 **SMART-32S**
654228 **SMART Wi-Fi Kit**
654130 **Magnetic Stripe Enc. Standard**
654131 **Contact SmartCard Enc. (Internal)**
654229 **Contactless SmartCard Enc.**
900714 **Dual-Frequency Encoder**
654134 **Flipper Assembly (Converts to Dual-Sided)**



Consumables

Ribbons & Accessories



Color Ribbons

654013 | YMCKO



350 CARDS/ROLL
Full Color Ribbon with Resin Black & Overlay

6595923 | YMCKOK



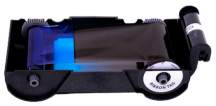
300 CARDS/ROLL
Full Color Ribbon with Resin Black & Overlay & Black for Back Side

654016 | YMCFKO



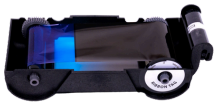
200 CARDS/ROLL
Full Color Ribbon with UV Panel, Resin Black and Overlay

900911 | YMCKO EZ Kit



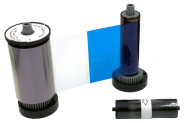
350 CARDS/ROLL
Full Color Ribbon with Resin Black & Overlay

900912 | YMCKOK EZ Kit



300 CARDS/ROLL
Full Color Ribbon with Resin Black & Overlay & Black for Back Side

654047 | YMCPKO



200 CARDS/ROLL
Full Color & Pearlescent Panel Ribbon

654015 | HYMCKO



350 CARDS/ROLL
Half Panel Color Ribbon with Resin Black and Overlay

Monochrome Ribbons

654018 | KO



600 CARDS/ROLL
Black with Overlay

654038 | K



1200 CARDS/ROLL
Black

654039 | W



1200 CARDS/ROLL
White

Coming Soon | B



1200 CARDS/ROLL
Blue

654040 | R



1200 CARDS/ROLL
Red

654041 | MG



1200 CARDS/ROLL
Mettalic Gold

654042 | MS



1200 CARDS/ROLL
Mettalic Silver

654043 | SO



1200 CARDS/ROLL
Scratch-Off

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Warranty covers printers, print heads up to 20,000 prints, laminators, encoders, parts, and labor for the period of three years. Advance Replacement may apply. Note - SMART-81 offers a life-time print head warranty.

www.idpamericas.com