SOLID-310
We print value for your life !

300, 600 & 1200dpi Edge-to-Edge Printing

Easy Card Issuing

Excellent Convenience

FINE™ Imaging Technology

Low Cost Security with UV Printing

High Durability

iCP iDP

Single sided ID CARD PRINTER
SOLID-310S

- Color & Mono Single Sided Printing
- Print Speed: Max. 23 sec./card (YMCKO)
- 300, 600 & 1200dpi with Edge-to-Edge Printing
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Flipper & Ethernet

Dual sided ID CARD PRINTER
SOLID-310D

- Single or Dual Sided Printing
- Print Speed: Max. 29 sec./card (YMCKOK)
- 300, 600 & 1200dpi with Edge-to-Edge Printing
- 310S Field Upgradable to 310D
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Ethernet

Rewritable ID CARD PRINTER
SOLID-310R

- Direct Thermal Rewritable Method
- Rewrite Speed: Max. 12 sec./card
- 300, 600 & 1200dpi with Edge-to-Edge Printing
- LED Button for Front Operation
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Ethernet

ISSUANCE

SOLID Applications ensure proper card issuance
and data management with SOLID series printers
at no extra cost.

- Design and Print (Images, Photos, Texts, etc.)
- 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, Cameram Scanner)
- Convenient card issuance and data management
- Magnetic stripe(MS), contact & contactless smart card encoding by
  using plug-in program

SECURITY

SOLID series provides effective security
features for access control and data encryption.

SOLID series has a password verification function to provide
administrator and user authentications.

SOLID series can set a specific authorized PC for encoding
and printing cards.

SOLID series can encrypt data transmitted on USB and can
support SSL (Secure Socket Layer) protocol on ethernet
communications.

NETWORKING

SOLID series can utilize the network printer server
for encoding and printing cards.

SOLID Ethernet module can not only print cards but also
encode MS, contact and contactless smart card through the network.

SOLID Ethernet module has OCP (Open Card Print) protocol which
can encode and print cards by using commands on multiple platforms
without installing the printer driver.

Available encoding the contact & contactless smart card by Ethernet.

SPECIFICATIONS

Model		SOLID-310S	SOLID-310D	SOLID-310R
Printing	Print Type	Dye-Sublimation		
	Resolution	300dpi (Color & Mono), 600 & 1200dpi (Mono Only) / Edge to Edge		
Card	Dual Side Printing	Option (with Flipper)	Yes	No
	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)	5 sec./card (720 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)	-
Capacity	Input Hopper	80 Cards		
	Output Hopper	25 Cards		
System	Control Panel	1 LED Button		
	Supported Platforms	Microsoft Windows 7/ 8 /10, Mac OS, Linux		
	Communication	USB, Ethernet (Option)		
	Power Supply	DC 24V		
	Power Consumption	48		
	Temperature	15~35℃		
	Humidity	35~70%		
	WxLxH (Millimeter)	172 x 377 x 190	172 x 472 x 190	172 x 377 x 190
	WxLxH (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
	Kg/lbs	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, CCC		

*Print Speed : May change under specific condition.

Applications

- Employee ID card
- Student ID
- Payment card
- Health card
- Leisure resort pass card
- Identification card
- Transport pass card
- Loyalty card / Event card

CONSUMABLES

COLOR RIBBONS

YMCKO	250 Cards/Roll	Full Color Ribbon with Resin Black & Overlay
YMCKOK	200 Cards/Roll	Full Color Ribbon with Resin Black, Overlay & Black for Back Side
YMCFKO	200 Cards/Roll	Full Color Ribbon with UV Panel, Resin Black and Overlay
HYMCKO	350 Cards/Roll	Half Panel Size Color Ribbon with Resin Black and Overlay
3YMCKO	400 Cards/Roll	1/3 Panel Size Color Ribbon with Resin Black and Overlay

MONO RIBBONS

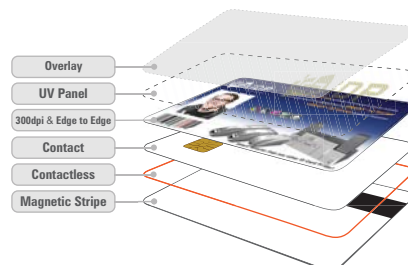| KO	600 Cards/Roll	Black with Overlay
K	1200 Cards/Roll	Black
W	1200 Cards/Roll	White
B	1200 Cards/Roll	Blue
R	1200 Cards/Roll	Red
MG	1200 Cards/Roll	Metallic Gold
MS	1200 Cards/Roll	Metallic Sliver
SO	1200 Cards/Roll	Scratch-Off

SOLID-310 Series value class ID card printer for everyone which is a perfect solution for printing ID cards at a low budget.

SOLID-310S (single-sided), SOLID-310D (dual-sided) and SOLID-310R (rewritable) printer models are available.

SOLID-310 Rewritable printer is an ideal solution for printing temporary information on ID cards.

ERASE / Rewrite / Rewrite / ERASE

Provides a cost effective solution!

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

CDG Computer Peripheral and Supplies Ltd.