



CS-320

HiTi Card Printer

Duplex Card Printer with Amazing Photo Quality and Exceptional Value

Photo Realistic Quality



Dye diffusion thermal transfer (D2T2 technology)



Card printing performance



Ribbon cartridge design

Photo-on-Card Color Performance*

- High definition dye-sublimation thermal transfer technology
- Up to 16.7 million colors in continuous tone
- Photo realistic quality with zero scratch and zero particle/dust
- World-leading HiTi Color™ technology

*HiTi Premium Photo Card is highly recommended

Reliable Printing Performance

- High speed single-side or double-side, color or monochrome card printing
- Perfect Edge-to-Edge technology*
- Ribbon breakage protection technology
- Embedded contact smart card encoding module
- Optional contactless smart card encoding module
- Optional magnetic stripe card encoder (high-co/low-co & 4000 oe)**
- Smart chip embedded for consumable identification and counterfeit ribbon prevention

*HiTi Premium Photo Card is highly recommended

** The magnetic stripe module is a factory-installed option, please specify when ordering.

Easy-to-Use Features

- Easy-to-Load ribbon cartridge for efficient operation
- Two-line and multi-language LCM display with printer status and operation commands and option display
- Included bundled card production management software supports customized templates and batch printing management

Warranty

- 2 years unlimited passes printer mechanical and chassis warranty
- 1 year unlimited passes thermal print head warranty



CS-320



Specifications

Model Name	CS-320 (Double-side model)
Print Method	Color Dye Sublimation / Monochrome Thermal Transfer
Resolution	300dpi x 300dpi
Display	LCM control panel
Memory	32MB; 1MB Flash
Print Speed	Speed mode : 25 sec per YMCKO printing Premium photo mode : 32 sec per YMCKO printing
Accepted Card Specification	Size : CR-80 86mm(L) x 54mm(W) / 3.375"(L) x 2.125"(W) Thickness : 0.3mm* to 1.0mm / 10mil* to 40 mil
Card Input Capacity	100 cards (0.76mm / 30mil thickness)
Card Output Capacity	100 cards (0.76mm / 30mil thickness)
Print Driver	Windows 2000 / XP, Mac OS X \ 10.2 \ 10.3 \ 10.4
Communication Interface	USB 1.1 / USB 2.0 full speed
System requirement	IBM-PC or compatible, Windows 2000 / XP, Pentium class 133MHz Computer with 128MB RAM or higher, 100MB free hard disk space or higher
Dimension	275mm(W) x 508mm(L) x 251mm(H) / 10.83"(W) x 20"(L) x 9.88"(H)
Weight	9.1kg / 20lbs
Power Supply	100 ~ 240 VAC; 50Hz ~ 60 Hz
Operating Condition	15° ~ 32°C / 59° to 89.6°F; 20 ~ 75% non-condensing
Ribbon Options	YMCKO (200 prints) Resin K (1000 prints) KO (500 prints) YMCKOK (170 prints)
Embedded Encoding Modules (SDK upon request)	Contact Smart Card Encoding Module
Optional Encoding Modules (SDK upon request)	Contactless Smart Card Encoding Module (Mifare ISO 14443 type A available) Magnetic stripe card encoder, Dual high- and low-coercivity, Track 1, 2, and 3.*
Accessories	Clean Kit (Clean cards & Swaps) Clean Module (Air filter & Clean roller) Mag Head Clean Kit (Clean cards & Specific swaps)

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Bundled card production management Software:



CardDésirée CS

- Friendly Template Design Interface
- Convenient Database Connection
- Batch Print Management
- Superb Photo ID Editing Functions

Consumables

Item	Package	Content
YMCKO 200 Images Combo	Pack	YMCKO 200 prints ribbon + 200 cards
	Box	6 packs (6 ribbons + 1200 cards)
YMCKO 200 Images Ribbon Only	Pack	YMCKO 200 prints ribbon
	Box	8 packs (8 ribbons=1600 images)
Resin K 1000 Images Ribbon Only	Pack	Resin K 1000 prints ribbon
	Box	8 packs (8 ribbons=8000 images)
YMCKOK 170 images Ribbon Only**	Pack	YMCKOK 170 prints ribbon
	Box	8 packs (8 ribbons=1360 images)
KO 500 images Ribbon Only	Pack	KO 500 prints ribbon
	Box	8 packs (8 ribbons=4000 images)
Card only (HiTi premium card)	Box	1200 cards (200 cards x 6 packs)



Accessories

Item	Package	Content
Clean kit	Pack	Clean cards/swabs* 10 + Clean cloths * 5
Clean module	Pack	Cleaning roller x 1; Air filter x 1
Mag-head clean kit	Pack	Clean cards/swabs* 5 + Clean cloths * 5



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