DNP

CX210
RE-TRANSFER CARD PRINTER

Smart Personalization

Solution for Contact & Contactless Smart Cards

P&I Solutions
DNP
TECHNOLOGY

CX210

RE-TRANSFER CARD PRINTER

- Perfect edge to edge printing with the highest speed 125 cards/hour
- Glossy photo finish quality (No pre-printing required)
- Ideal for contact chip & RFID card desktop personalization
- Versatile print capability for card materials (PVC, PET, ABS, Polycarbonate etc.)
- Printhead free from damage by card
- Parallel operation of printing and encoding save the total time
- Meet requirements for various encode/print needs
- The most reliable & best quality printer developed by the well-known ink ribbon manufacture DNP

Ink film cartridge makes it easy to install ink ribbons. (Green for re-transfer film and Yellow for YMCK ribbon)
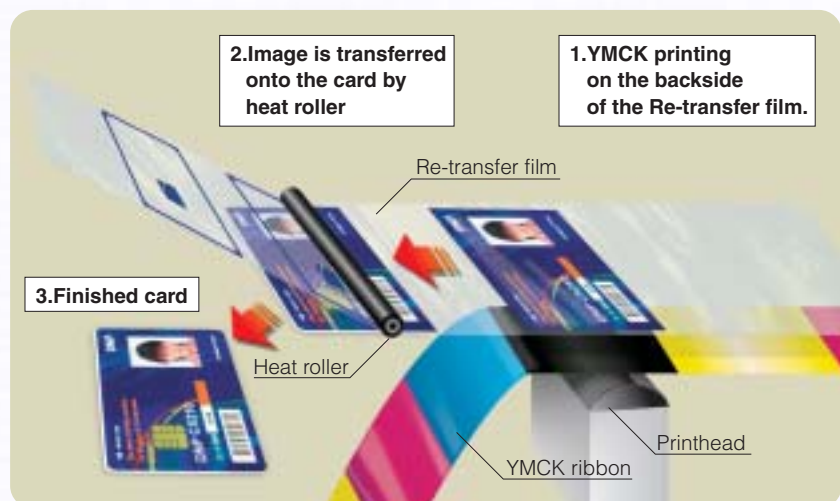
Card hopper holds up to 300 cards (0.76mm)

All machine settings can be made on LCD

CX21CSD is a compact case designed to mount contactless encoding module inside and it is easy to attach to CX210

CX210 Re-transfer card printer

2.Image is transferred onto the card by heat roller

1.YMCK printing on the backside of the Re-transfer film.

Re-transfer film

3.Finished card

Heat roller

Printhead

YMCK ribbon

Re-transfer printing process (The illustration is for explanation purpose only.)

CL-500D

IN-LINE CARD LAMINATOR

- Provide more durability and security on the card
- Maximum laminating speed (20 sec/card)[*1]
- Compact shape and uniformed design with DNP CX210
- Flexible adjustment of speed and temperature
- Various type of laminating media available
- 600/1,000 panels per roll for less frequent ribbon replacement

*1 20 sec is from feeding to discharge at standard transfer setting

Cartridge makes it easy to set laminate media

As well as CX210, all machine setting can be made on LCD

CL-500D laminator in-lined with CX210 re-transfer card printer

CX210

RE-TRANSFER CARD PRINTER

Model lineup

	Model	
	DAA	DAAD
Double side printing	◯	◯
Built-in Mag Encoder Hi-Co/Lo-Co[☆1]	✕	◯
Built-in chip contact	✕	◯
In-line Laminator CL-500D	Connectable	Connectable
External Encoder CX21ICSD[☆2]	Connectable	Connectable

☆1 Hi-Co (2,750 Oe) & Lo-Co (300 Oe) switchable at LCD setting
☆2 CX21ICSD is a compact case in which the contactless IC module is mounted

CX210

DNP CX210 re-transfer card printer

● Specification

Printing Method	Dye Sublimation Re-transfer Printing
Resolution	300 dpi
Printable Area	Full-Bleed
Ink ribbon	YMCBk+Re-transfer film 1,000 panels per set (Products of DNP)
Interface	SCSI II Interface
Print Speed	29 seconds/card
Operating Environment	15-30C, 35-70%RH
Hopper Capacity	300 cards (0.76mm thickness)
Stocker Capacity	100 cards (0.76mm thickness)
Signal Level	256 levels per color (YMC) 2 levels (Bk)
Dimension	W343✕H381✕D339mm
Weight	22kg
Options	Magnetic Stripe Encoding / IC Encoding / Contactless IC Encoding
Applicable card	(Material) PVC and other plastic materials (need to be evaluated) /(Size) 54mm✕85.6mm

CL-500D

DNP CL-500D in-line card laminator

● Specification

Laminating method	Thermal roller transfer
Structure	Single side lamination
Laminating speed	20 seconds/card
Laminating media	1.0 mil clear patch film/1.0 mil generic holo patch film/ Thermal transfer generic hologram overlay Customized hologram patch film and overlay (minimum q'ty required)
Interface	Controlled from the printer
Operating environment	15-30C, 35-70%RH
Stocker Capacity	Use CX210 printer stocker 100 cards (0.76mm)
Dimension	W207mm✕H308mm✕D310.5mm
Weight	9kg
Applicable size of the card	54.0mm✕85.6mm

■Due to policy of continuous development, we reserve the right to alter details of specification and equipment without notice.

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