

DNP

CARD PRINTERS

protect & ensure your identification



DNP CX-D80 SERIES

- **CX-D80HS** (600 dpi, double sided printer)
- **CX-D80DS** (300 dpi, double sided printer)
- **CX-D80SRS** (300 dpi, single sided printer)

As the latest in the CX Series, the printer delivers the maximum impact and ease-of-use with glossy photo, real edge-to-edge printing, remains free of head-damage and offers real versatility all with an extreme smaller body design. DNP CX-D80HS/CX-D80DS/CX-D80SRS have a thermal retransfer printing engine of which quality and reliability are acclaimed by users worldwide.

Usage

DNP CX series have been supplied for:

- National ID cards
- Driving licenses
- Ministry officer ID cards

CX-D80HS

600 dpi high resolution

300 DPI

600 DPI

Colors, logos and fine characters, which are difficult to print by conventional card printers, can be printed clearly

Micro text capacity



The high resolution of 600 dpi allows printing crisp, tiny characters.



Security Features

IP Sec

IP Sec prevents stealing information of printed data via network connection.

Security Erase



It makes the personal info hard to read and makes disposal of used ribbon easily. Besides YMCK, Security Erase is now available at YMCKK and YMCKUv ink ribbon.

Dye-Sub UV ink



UV ink makes complete invisible print by flat print portion compared to resin UV. It enhances protection of forgery cards

Security Lock



Self type lock for card hopper and front door set via Status Monitor is equipped. And what's more, Kensington lock is equipped to guard your printer.

Specifications

Dimension

343 x 322 x 335 mm (w x d x h)

Weight

- 13.0 kg (Single side without optional unit)
- 15.5 kg (Dual side with all optional units installed)

Power supply

- Maximum 3.5A (100 to 120V)
- Maximum 1.6A (220 to 240V)

Operating conditions

Temperature 15° to 30°;
Humidity 35% to 70% non condensing

Printing method

Dye sublimation / resin thermal retransfer

Resolution

- 600dpi - CX-D80HS
- 300dpi - CX-D80SRS (Single sided printing)
- 300dpi - CX-D80DS (Double sided printing)

Printable area

Full bleed (Real edge-to-edge)

Print speed

About 30 sec: YMCK with transfer

Interface

- USB (Ver2.0) Full-Speed (12Mbps) / Hi-Speed (480Mbps)
- 10BASE-T/100BASE-TX ethernet

Card

Size: CR-80 ISO 7810 (54.0 mm x 85.6 mm)
Type: PVC, Composite PVC, PET-G, Polycarbonate (Note: firmware installation is required)

Input & output capacity

100 cards each (0.76 mm)

Supported platform

Windows 2000 Professional (SP4), XP (SP3), Vista (SP2), Windows 7 (SP1), Windows 8/8.1, Windows 10, 11, Windows Server 2003 (R2 SP2), Server 2008, Server 2012

Ink ribbon

- YMCK (1,000 images), YMCKK (750 images)
- YMCKUV (750 images), YMCKPO (750 images)

Traceable functions

In the new models of printers and ribbons traceable functions are added to improve maintenance quality. Following these changes, it may not work properly if the distribution route of the printers and the ribbons are different.

Options

- Magnetic stripe encoding (HiCo/LoCo)
- Contact chip encoding (case & reader/writer)
- Contactless encoding
- Bend remedy unit
- Lamination unit (CL-600S/D)

Safety regulations

FCC, CE, UL, VCCI-B, FCC Class B, EN Class B, RoHS, CCC

MEDIA

Ink ribbon & retransfer film for CX-D80 Series

DNP, known as the world famous dye sublimation ink ribbon manufacturer, has developed the ink ribbon for the DNP CX Series card printer. An unique and lateral card-conveyor system makes the ink ribbon's capacity largest in its class. In addition, RFID tag installed in the ribbon enables you to check the status such as ribbon type and remaining amount on Status Monitor at sight.

YMCK (1,000 images/set)

Regular-type ink ribbon. To be supplied with retransfer film anytime as a set.

YMCKK (750 images/roll)

Front: YMCK + Back: K.

YMCKPo (750 images/roll)

Peel off panel to be used to avoid film transfer on and around magnetic stripe area.

YMCKUv (750 images/roll)

Dye diffusion invisible UV printing for security purpose. MAC address is printed.



Retransfer film (1,000 images/roll)

Pet film to be used with any ink ribbon.

Patch & overlay for the CL-600S/D

1.0/0.6 mil Clear Patch (600 images/roll)

To protect image from abrasion, UV, etc.

1.0/0.6 mil Smart card Clear Patch (600 images/roll)

To protect image (for IC chip card).

DNP Generic Hologram Overlay (1,000 images/roll)

Heat transfer to decorate with the hologram.

Customized hologram Patch/Overlay

Custom fabricated film for higher security laminate.



Visit our website for more information:
www.dnp.co.jp/international/cardprinter

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