PRINT & DISPENSING MODULES

Industrial OEM Print Modules to be integrated in various Print & Apply Solutions.

POWERFUL PRINT AND DISPENSING MODULES

As an engineering company or system integrator, you know your customers expect you to provide complete labeling devices tailored to their requirements.The Dispensing Print Modules (DPM) and Print Engine Modules (PEM) provide precise, safe printing and labeling for industries such as food, chemical and pharmaceutical and integrate seamlessly into most production lines.

DPM – Labels virtually any product with timed-to-the second precision, while processing variable data from label to label. Error-free product identification for use in logistics applications, individual packages in shipments or individual parts identification

* Flexible Printing and Dispensing
  * High performance, robust
  * Print and dispense wide range of labels
* Fast Printing and Dispensing in 1:1 Mode
  * Maximum print speed of 400 mm/s (24m/min)* and 300 dpi resolution
  * When a label is printed and dispensed, the DPM is preparing the data for the next label.
* Economic Solution
  * Increased uptime using 1000m ribbon rolls
  * Ribbon save function reduces consumable costs
* Available in RFID UHF mode

PEM – Extremely high printing speed make it suitable for identification of rapidly-moving products at variable conveyor speeds.

* Efficient Batch Printing
  * Printed labels are forwarded in a loop for further processing in a labeling machine or a rewinder
  * Definitive solution for variable product labeling at high dispensing speed

* Customizable Production Line Labeling
  * Can adapt to production line speed in various industry environments
  * Static products can be labeled with the same information over a specific time frame
  * Ideal for the food or pharmaceutical industry and where print speed is independent of the dispensing process
* Economic Solution
  * Increased uptime using 1000m ribbon rolls
  * Ribbon save function reduces consumable costs.

MORE INFORMATION

To learn more about our NOVEXX Solutions DPM and PEM Solutions or to receive complete warranty information as well as other terms and conditions, please contact your NOVEXX Solutions representative, e-mail to printers@novexx.com or visit our website at www.novexx.com.

PRINT & DISPENSING MODULES

SPECIFICATIONS

PRINT TECHNOLOGY

Thermal transfer/direct thermal

PRINTHEAD

300 dpi; Near Edge printhead

PRINTSPEED

4"/5": 50mm - 400mm 6":50mm - 300mm

PRINT WIDTH

4":106mm 5":127mm 6":160mm

MATERIAL

All common converted, self-adhesive label material with liner, on rolls. Suitable for printing in thermal direct or thermal tranfer process.

MATERIAL WIDTH (INCL. BACKING PAPER)

4"/5" : 16mm – 136 mm
6" : 16mm – 190 mm

LABEL LENGTH

10 – 1000 mm

RIBBON WIDTH

Ribbon should overlap the label material some millimeters.

RIBBON LENGTH

Up to 1000m; max. roll diameter 110 mm

RIBBON SAVE FUNCTION

Standard

DATA INTERFACES

Serial RS232 (optional RS422/485), 2x USB-A host, USB-B device, Ethernet 10/100 Base-T, Centronics, WLAN (by CF card)

SIGNAL INTERFACES

USI I/O board (5V or 24V); 4 input/7 output I/O board D-sub 15 (providing signals similarsignal to USI) Applicator Interface board (optional for DPM).

CARD SLOTS

CF card, SD card

REAL TIME CLOCK

Standard

FONTS

Fonts including OCR-A and OCR-B, 3 scalable fonts, True Type fonts are supported; scalable in X/Y direction up to factor 16; rotation of internal character sets, bar codes, lines and graphics by 0, 90, 180, 270° for fix size fonts, 0°-359,9° for scalable fonts; TrueType fonts are infinitely rotatable.

BARCODES

1-dimensional: EAN 8 and EAN 13 with 2 and 5 digit add-on, UPC-A, UPC-E, Code 39, Code 39 Ratio 3:1 and Ratio 2,5:1; Code ITF, Codabar, Code 128, Code 2/5, Code 2/5 1, Code 2/5 5, Code 2/5 Interleaved Ratio 1:3, Code 2/5 Matrix Ratio 1:2,5; Code 2/5 Matrix Ratio 1:3; Code MSI, Code EAN 128; Postcode (routing and ID code), UPS Code 128, Code 128 Pharmacy; all bar codes available in 30 widths and freely scalable in height; 2-dimensional: Data Matrix Code, Maxi Code, PDF 417, Codablock F, Code 49, QR Matrix code
GS1 databar and composite (CC) symbology

GRAPHIC FORMATS

BMP, PCX, JPG, TIF, GIF, Easy Plug logos

EMULATIONS

Easy Plug, line printer, Hex Dump, MLI

RFID

UHF (DPM only)

DISPLAY

Five-key control panel with illuminated graphical display; 128x32 dots, with two lines of 16 characters

MEMORY

64 MB RAM

MAINS VOLTAGE/FREQUENCY

100-240V (AC) / 60 -50 Hz

OPERATING CONDITIONS

Temperature : 5 to 35°C; humidity : 45-75% non condensing

PROTECTION CLASS

IP 21

CERTIFICATIONS

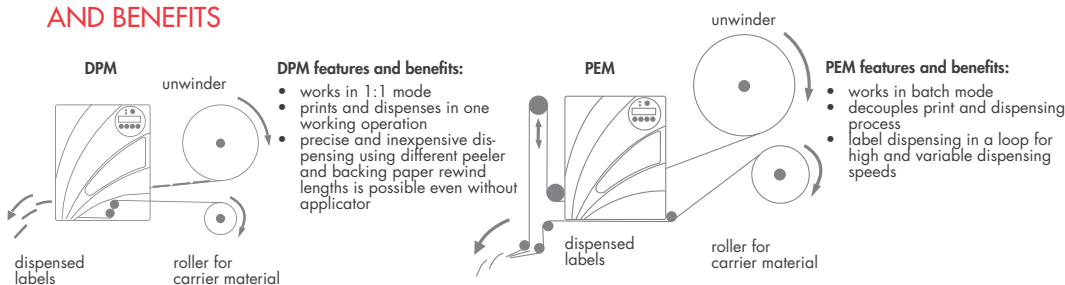CE, GS, TUV, NRTL (US/CA), GOST, FCC

OPTIONS

Various dispensing edges (DPM); RFID-UHF read/write module (DPM); 2nd RS232 option board; remote display; applicator interface board (DPM)

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Distributed by:

DIRECT COMPARISON OF DPM AND PEM FEATURES AND BENEFITS

DPM
unwinder
dispensed labels
roller for carrier material

DPM features and benefits:
- works in 1:1 mode
- prints and dispenses in one working operation
- precise and inexpensive dispensing using different peeler and backing paper rewind lengths is possible even without applicator

PEM
unwinder
dispensed labels
roller for carrier material

PEM features and benefits:
- works in batch mode
- decouples print and dispensing process
- label dispensing in a loop for high and variable dispensing speeds

www.novexx.com