



APLINK MRX Series

High Resolution Inkjet printer

United Barcode Systems **APLINK MRX Series** are the ultimate generation of High Resolution Inkjet Printers, designed to solve printing needs on cases and any porous surfaces.

Developed and manufactured to print any text, images, logos, symbols, and any type of 100% readable barcodes in compliance with GS1 International Standard Regulations (GS1-128, ITF14, GS1DATAMATRIX, EAN-UCC13).

Powered by 4th generation piezoelectric technology print head **APLINK MRX Series** Printers allows users to print messages up to **72 mm** in height, with a resolution up to **185 x 720 dpi**, and at a speed up to **110 meters/minute**.

APLINK MRX Series Printers modular design allows using 1 to 4 print heads simultaneously through one full color 8" touch screen controller. Its intuitive graphic interface permits users to control and configure each print head parameters.

Production process interruptions are avoided by the changing of the 100% Mineral oil free non-pressurized ink bottle at a nonstop mode.

Reduced ink consumption and maintained reliable printing quality are assured by its innovated technologies of temperature and drop size control. These combined benefits make of the **APLINK MRX Series** Printers a valuable equipment for the generation of savings and production cost reduction.

Easy to integrate and connect to any IT systems in any production line, different ERP, and DBMS. In standalone mode USB and Ethernet connections allow loading of messages to print.



HIGH RESOLUTION PRINTERS

- ✓ 100% mineral oil free ink
- ✓ 4th generation piezo electric print head
- ✓ Modular design with variable height and depth
- ✓ Reduced and low cost periodical maintenance
- ✓ 8" full color touch screen with graphic interface
- ✓ Printing speed 110 m/min
- ✓ Resolution of 185 x 720 dpi
- ✓ Printing height 72 mm.
- ✓ Printing on any porous surface



Technical features

DESCRIPTION	High Resolution Inkjet Printer
POWER SUPPLY	110/220V 50-60 Hz - 21 W (1 printer) / 37 W (2 printer)
HEIGHT	Min. 515 mm – max 1290 mm (min 1,7 ft – max 4,2 ft)
ENVIRONMENT	From +5° C up to + 50°C (+41°F up to +122 °F)
HUMIDITY	From 5 % up to 85 % non-condensed

Consumable

INK	Organic oil based ink, 100 % Mineral oil free
COLORS	Black, red, blue, green and yellow.
VOLUME	500 ml and 1000 ml ink Bottle
PRINTABLE MATERIAL	All type of porous substrate

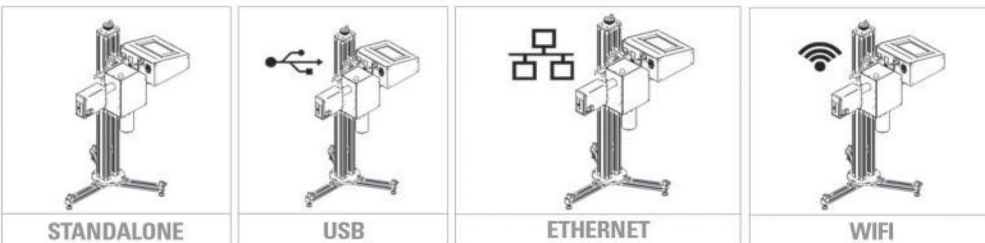
Printing module features

HEIGHT	72 mm (2.83")	36 mm (1,42")
DROP VOLUME	35pl	35pl
SPEED	Up to 110 m/min (361 ft/min)	Up to 110 m/min (361 ft/min)
RESOLUTION (vertical/horizontal)	185 dpi / up to 720 dpi	
CADENCE	Up to 2 prints per second	
DISTANCE (between print head and surface)	Max 5 mm (0.2")	
BARCODES	GS1-128, ITF14, GS1DATAMATRIX, EAN-UCC13, 2/5 INDUSTRIAL, 2/5 INTERLEAVED, QR, etc.	
DATA	Fixed or variable text, dates, counters, formulas, logos, images.. Use Windows TM and Truetype TM fonts	
PRINTHEAD POSITION & DIRECTION	Straight, 90° angle or umbilical position. Side or top printing.	
OPTIONS & ACCESSORIES	External encoder kit, light and acoustic signal beacon, Low temperature kit.	

Controlator features

DISPLAY	8" Full color Touch Screen
PRINT HEADS CONTROL	From 1 up to 4 print heads

Connection



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HIGH RESOLUTION PRINTERS

- ✓ Ethernet and USB connectivity
- ✓ Printer state control integrated indicator
- ✓ Change of consumables in non-stop mode
- ✓ From 1 up to 4 print heads
- ✓ Graphic software UBSLabel CS®
- ✓ GS1 approved 100% readable barcodes

