

# APLINK MRX BICOLOR

## High Resolution Inkjet printer

**APLINK MRX Bicolor** High Resolution Inkjet Printer is developed to print directly on porous surfaces in two colors simultaneously on the production line.

It has been designed and manufactured to print pictograms and texts according to Reach CLP regulation.

CLP Regulation ensures the minimization of the risks for human and environment safety, to prevent any possible chemical pollution deriving from Home and Personal Care Products. **APLINK MRX Bicolor** is designed specifically to comply with the specifications of CLP coding. However, **APLINK MRX Bicolor** can also be used in any application where two color printing is required.

Designed and manufactured to print texts, images, logos, symbols and any 100% legible 1D/2D barcodes compatible with GS1 standards (GTIN13, GTIN14, G21-128, GS1 Datamatrix...) for secondary packages of porous surfaces, such as corrugated carton cases, cardboard trays and paper bags, etc.

4th generation piezo electric print head allows printing messages up to 72mm height, of high contrast, using eco-friendly oil-based ink, at resolutions up to 185x72 110/min.

Thanks to its modular design, **APLINK MRX Bicolor** allows simultaneous use of 1 or 2 printheads connected to a user-friendly 8" colored touch screen controller, that allows operating each printhead independently through its intuitive and easy-to-use icons.

The non-pressurized ink bottle contains oil-based ink, 100% mineral oil free. It can be replaced without having to stop the printing process, which avoids having to stop the production line to change the consumable.

The innovative temperature and drop volume control technology, ensures a low consumption and a reliable print out and it becomes a great tool for cost-saving on the production line.

**APLINK MRX Bicolor** is easy to install and integrate and offering a wide connectivity range to any IT or automatization system, through WYSIWYG UBS Designer® and UBS Labman® Software, that allow to manage and transmit data to or from any ERP, MES, WMS or DBMS.

**APLINK MRX Bicolor** Printer can also work on standalone mode, uploading the messages through a USB drive or Ethernet connection.



HIGH RESOLUTION INKJET PRINTERS

- ✓ Warning pictograms and texts according to Reach CLP Regulations
- ✓ 100% mineral oil free ink
- 4th generation piezo electric print head
- ✓ Modular design with variable height and depth
- ✓ Low periodical maintenance
- ✓ 8" full color touch screen display with graphic interface
- ✓ Printing speed 110 m/min (330ft/min)
- ✓ Resolution of 185 x 720 dpi
- ✓ Printing height 72 mm (2.83")
- ✓ Printing on any porous surface



# APLINK MR X BICOLOR

## Technical features

DESCRIPTION	High Resolution Inkjet Printer
POWER SUPPLY	110/240V 50-60Hz - 21 W (1 printer) / 37 W (2 printers)
HEIGHT	Min. 515 mm - max 1290 mm (min 1,7 ft - max 4,2 ft)
TEMPERATURE	From +5° C up to + 50°C (+41°F up to +122 °F)
HUMIDITY	From 5% up to 85% non-condensed

## Consumable

INK	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

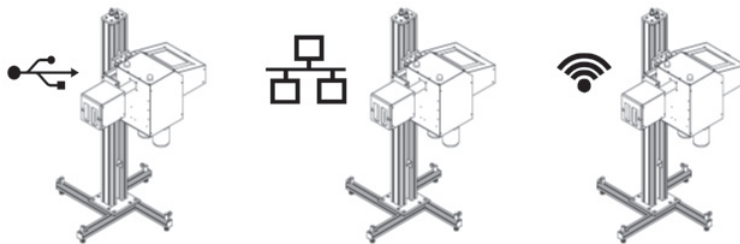
## Printing module features

HEIGHT	72 mm (2.83 in)
DROP VOLUME	35pl
SPEED	Up to 110 m/min (361 ft/min)
RESOLUTION (vertical/horizontal)	185 dpi / up to 720 dpi
PRINT/SEC	Up to 2 prints per second
DISTANCE (between print head and surface)	Max 5 mm (0.2")
BARCODES	GTIN13, GTIN14, GS1 DATAMATRIX, GS1-128, CODE 39, 2/5 ITERLEAVED, QR, PDF417, etc.
DATA	Fixed or variable text, dates, counters, formulas, logos, images..
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

## Controller features

DISPLAY	8" Full color Touch Screen
PRINT HEADS CONTROL	1 or 2 print heads
COMMUNICATION	1 x USB 2.0, 1 x Ethernet 10/100/1000 and WiFi (optional)
SOFTWARE LABEL DESIGN	UBSDesigner®

## Connectivity



HIGH RESOLUTION INKJET PRINTERS

- ✓ Ethernet and USB connectivity
- ✓ Printer status control integrated beacon
- ✓ Non-stop mode consumable change
- ✓ 1 or 2 print heads
- ✓ Graphic software UBSDesigner®
- ✓ GS1 approved 100% readable barcodes



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