*APLINK MR*X

High Resolution Inkjet Printers

UBS **APLINK MRX** High Resolution Inkjet Printers are developed to print directly on porous surfaces.

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 185x720 dpi and speed up to 110/min.

Thanks to its modular design, **APLINK MRX** allows simultaneous use of 1 to 4 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 is easy to install and integrate and offering a wide connectivity range to any IT or automatization system, through UBS Designer® and UBS Labman® Software, that allow to manage and transmit data to or from any ERP, MES, WMS or DBMS.

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

HIGH RESOLUTION INKJET PRINTERS

- ✔ **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 with graphic interface**
- ✔ **Printing speed up to 110 m/min (330ft/min)**
- ✔ **Resolution up to185 x 720 dpi**
- ✔ **Printing height 72 mm (2.83")**
- ✔ **Printing on any porous surface**

ECO Ink
mineral oil free
UBS

APLINK MR X

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

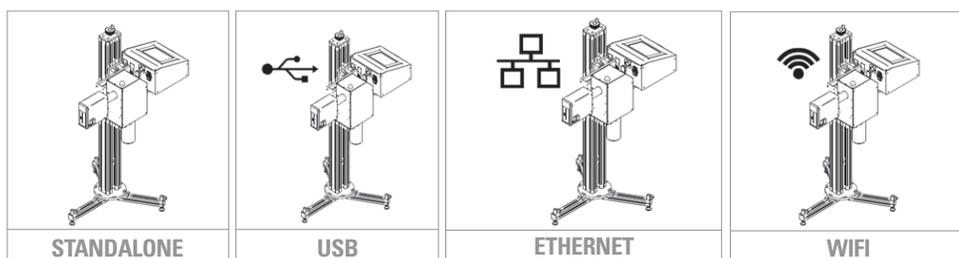|	
INK	Organic oil based ink, 100% Mineral oil free
COLORS	Black, red, blue, green and yellow. Other under request.
VOLUME	1000 ml and 500 ml ink bottle
PRINTABLE MATERIAL	All type of porous surface

Printing module features

HEIGHT	72 mm (2.83")
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	GS1-128, ITF14, GS1-DATAMATRIX, EAN-UCC 13, 2/5 INDUSTRIAL, 2/5 INTERLEAVED, QR, 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 to 4 print heads
COMUNICATIONS	1 x USB 2.0, 1 x Ethernet 10/100/1000 y WiFi (optional)
SOFTWARE LABEL DESIGN	UBSDesigner® and UBSLabel CS®

Connection

STANDALONE	USB	ETHERNET	WIFI

HIGH RESOLUTION INKJET PRINTERS

- ✔ **Ethernet and USB connectivity**
- ✔ **Printer status control integrated light beacon**
- ✔ **Non-stop mode consumable change**
- ✔ **1 to 4 print heads**
- ✔ **Graphic software UBSDesigner®**
- ✔ **GS1 approved 100% readable barcodes**

United Barcode Systems
Labeling, Coding & Marking

The right choice

www.ubscode.com