



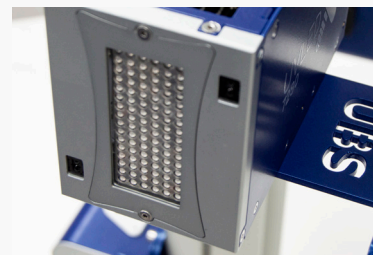
The right choice

High Resolution Inkjet Printers

- ✓ Unique UV LED instant curing system
- ✓ Instant polymerization of the printed message
- ✓ 4th Generation piezo electric print head
- ✓ Low maintenance
- ✓ Low ink consumption
- ✓ 1 to 4 printheads
- ✓ 10.1" full color touch screen with graphic user interface
- ✓ Printing speed up to 60m/min
- ✓ Printing resolution up to 180 x 720 dpi
- ✓ Maximum printing height up to 72 mm
- ✓ Printing on any type of surface



"Unique instant curing system: UV LED Curing On Board Security System®"



UBS **MRX UV LED** High Resolution Inkjet Printer, with integrated **UV LED Curing On Board Security System®**, is developed to print directly on non-porous surfaces such as coated cases, trays, films, etc.

APLINK MRX UV LED incorporates an exclusive design integrated LED lamp allowing UV LED-based ink dry instantly by polymerization.

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 non-porous surfaces, such as non-porous cases, cardboard trays with stretch film and plastic bags, etc.

4th generation piezo electric print head allows printing messages up to 72 mm height, of high contrast, using UV LED-based ink, at resolutions up to 180 x 720 dpi and speed up to 60 m/min.

Thanks to its modular design, **APLINK MRX UV LED** allows simultaneous use of 1 to 4 printheads connected to one controller with 10.1" full color touch screen and intuitive graphic interface, that allows operate each printhead independently. Message editor incorporated into touch screen controller.

Low Migration and low viscosity UV LED curable ink. The non-pressurized ink bottle contains UV LED-based ink. It can be replaced in non-stop mode.

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

APLINK MRX UV LED can be connected to any information or automation system through the **UBS Labman 4.0** software, which allows the management and connection of all data with any ERP, MES, WMS or DBMS system, facilitating traceability in the production line.

In addition, our **UBS Designer** design software makes easy the creation, editing and sending of labels to your equipment.



APLINK MRX UVLED

High Resolution Inkjet Printers
**Instant drying on
non-porous surfaces**

Technical features

| | |
|---------------------|---|
| DESCRIPTION | High Resolution Inkjet Printer |
| POWER SUPPLY | 110 / 240V 50-60Hz - 150 W (1 printer) - 300 W (2 printers) (UV LED Curing System) |
| FLOOR STAND HEIGHT | Min. 515 mm - max 1290 mm (min 1,7 ft - max 4,2 ft) |
| WORKING TEMPERATURE | From + 5° C up to + 50°C (+ 41°F up to + 122 °F) |
| HUMIDITY | From 5% up to 85% non-condensed |

Consumable

| | |
|-------------------|--|
| INK | Low migration and low viscosity UV LED ink |
| COLORS | Black. Other colors on request |
| VOLUME | 1000 ml and 500 ml ink bottle |
| MATERIAL TO PRINT | Any type of non-porous and porous substrates |

Printing module features

| | |
|---|--|
| PRINTING HEIGHT | 72 mm (2.83") |
| PRINTING SPEED | Up to 60 m / min (197 ft/min) |
| RESOLUTION (vertical / horizontal) | 180 dpi / up to 720 dpi |
| PRINTING CAPACITY | 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 INTERLEAVED, QR, PDF417, etc. |
| DATA | Fixed or variable text (BB date, counters, Batch Number formulas... etc.) logos, images.. |
| PRINTHEAD POSITION | Side, Top, tilted up to 90° |
| OPTIONS & ACCESSORIES | External encoder kit, light beacon alarm, low temperature kit. |

Controller features

| | |
|-----------------------|---|
| DISPLAY | 10.1" Full color Touch Screen |
| PRINT HEADS CONTROL | Up to 4 print heads |
| COMMUNICATIONS | 1 x USB 2.0, 1 x Ethernet 10 / 100 / 1000 |
| SOFTWARE LABEL DESIGN | UBS Designer Lite and UBS Designer Pro |

UVLED Curing System features

| | |
|----------------|---|
| CURING AREA | 72 x 30 mm |
| COOLING SYSTEM | By air |
| DURABILITY | >20000 Hours |
| WARRANTY | 1 year, 1000 working hours |
| WORKING MODE | 2 activation modes: - Standalone - TTL (synchronized with the printer) |

Connection



Due to our continuous improvement policy, our product specifications are subject to change without notice.

