

**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*
- ✓ *Low power consumption*
- ✓ *10,1" full color touch screen with graphic user interface*
- ✓ *Printing speed up to 60m/min*
- ✓ *Printing resolution up to 720 dpi*
- ✓ *Maximum printing height up to 72 mm*
- ✓ *Printing on any type of surface*

# APLINK UVX

## High Resolution Inkjet Printers



*"Developed to print directly on non-porous surfaces such as cases, trays, films, etc."*

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

**APLINK UVX** incorporates an exclusively designed **UV LED** Curing System providing **UV LED**-based ink instant polymerization.

Designed and manufactured to print texts, images, logos, symbols and any 100% readable 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 72mm height, of high contrast, using **UV LED**-based ink, at resolutions up to 180x720 dpi and speed up to 60/min.

Thanks to its modular design, **APLINK UVX** 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.

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 constantly low consumption and a reliable print out and it becomes a great tool for cost-saving on the production line.

**APLINK UVX** is easy to install and integrate into any production line. UBS message editor (WYSIWYG) UBS Designer Pro and **UBS Labman 4.0** provide wide range of customized communication solution with any DDBB known on the market.

**APLINK UVX** Printer, can also work in standalone mode, uploading the messages through USB drive.



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

## Technical features

DESCRIPTION	UV 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	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 ITERLEAVED, 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 and acoustic 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 y WiFi (optional)
SOFTWARE LABEL DESIGN	UBS Designer Lite and UBS Designer Pro

## Connection



According to UBS policy of continuous improvement, our products specifications are subject to change without previous notification.

