

# APLINK UVX Series

## UVX High Relolution Inkjet Printer

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

**APLINK UVX** 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 72mm height, of high contrast, using UV LED-based ink, at resolutions up to 185x720 dpi and speed up to 110/min.

Thanks to its modular design, **APLINK UVX** 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 UV LED-based ink. 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 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 UVX** 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 UVX** Printer can also work on standalone mode, uploading the messages through a USB drive or Ethernet connection.



HIGH RESOLUTION INKJET PRINTERS

- ✓ Unique UV LED curing system
- ✓ Instant drying
- ✓ 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 to 185 x 720 dpi
- ✓ Printing height 72 mm (2.83")
- ✓ Printing on any non-porous surface



# APLINK UV X Series

## Technical features

DESCRIPTION	UV 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	UV LED ink
COLORS	Black, red, blue, green and yellow.
VOLUME	1000 ml and 500 ml ink bottle
MATERIAL TO PRINT	All type of non-porous substrates

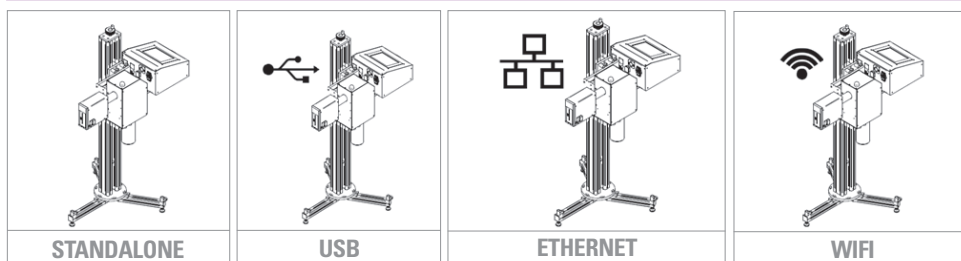
## Printing module features

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

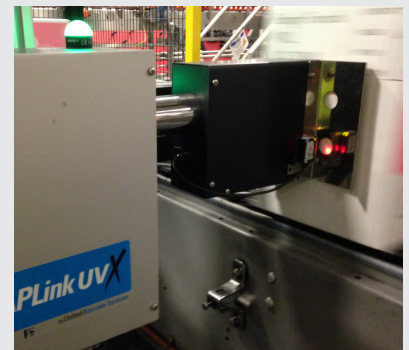
DISPLAY	8" Full color Touch Screen
PRINT HEADS CONTROL	1 to 4 print heads
COMUNICATIONS	1 x USB 2.0, 1 x Ethernet 10/100/1000 y WiFi (optional)
SOFTWARE LABEL DESIGN	UBSDesigner® and UBSTLabel CS®

## Connectivity



HIGH RESOLUTION INKJET PRINTERS

- ✓ Ethernet and USB connectivity
- ✓ Printer status control integrated 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



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 UBS ITALY (+39) 0224 972 120

info@ubscore.com  
 info.usa@ubscore.com  
 info.espana@ubscore.com  
 info.mexico@ubscore.com  
 info.brasil@ubscore.com  
 info.italy@ubscore.com