

DJ340plus

► *A stand-alone large character high resolution piezo-jet printer*



Dotjet DJ340plus is a combination of original DJ340 and an advanced printer controller based on Dotjet DJ45plus.

It retains the DJ340 printing features, and plus an intelligent control system. It embeds a cloud version operation software is becoming great versatility, capability of integrating with automatic potential, printing system be monitored and managed remotely, it represents the coding and marking demand of next generation.

**High-Resolution
Inkjet Printer**

FEATURE



A 7" full color touchscreen with WYSIWYG user-friendly software with free design capabilities provides even a beginner can quickly and efficiently to build-up a print job and manage printing.



Fulfill the demand for automatic integration, connectivity of database printing, multiple interfaces connection, print data uploading into cloud and remote printer management.



Implementation of international symbol sets and software operation interface for global marking.



Allow PC and smart-phone remotely control and monitor printing via wifi.



3 levels password protection/user, administration, manager.



Flexibly import True type fonts into the controller and printing.



PC version software assists mess print jobs creation.



Allowing change a new print job in printing with no break.



GS1 barcode compliance.



Two types of print engine available.



GS1 barcode compliant

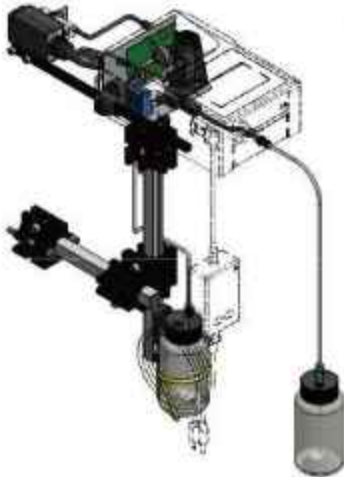


▲ 17.5mm and 70mm print engine

Inkjet System

The DJ340plus inkjet system has been designed using the latest innovations in the print head module

"All-in-one-module". Three pumps build in the system for implementing ink feeding, purging and suction. Users can quick operate the ink system to fulfill quick prime, ink drainage and print head self-cleaning via 7" touch screen.



Bulk ink supply design provide the less downtime in production, no printer shutdown required at ink change.

Dotjet utilizes oil-based or uv-curable inks for printing on a wide range of porous and non porous surfaces.



One button to purge and clean the print head nozzle, waste ink be collected automatically, maintain print quality in good condition and 100% mess-free.

Security chip built on the ink cartridge to protect ink usage from third-party ▶

250ml ink cartridges offer simple and clean ink changes



Communication Interface

DJ340plus provides different connection interfaces TCP/IP, USB, RS232 can be easily integrated to your production area implement external data printing.



25.8 kgs



The external data can be a text string directly print out.



The external data can be a file name for opening the message file to print the relative products. Every message file with a specific template as print needful.



Save a database in the DJ340plus in advance, the 1st column of the database is the data of index. Any external data receiving will has a comparison, the data is calling out for printing once the line 1st column is matched

Database Printing

High-speed list prints from database, plug and play USB stick data transfer and provides access easily manipulate MySQL data.



Network Printing

Communication via Protocol

DJ340plus contains a network interface and protocol that allows host system to connect. Print jobs are sent directly from host systems to the printer without requiring an intervening host. Ideally suited for serialization and track & trace applications. A simulation software DJ_Link developed by Dotjet team assists you to get through the application with no barrier, please contact us.

“Versatility in Connectivity”

Transfer of external data, or triggering of active fields for fast and secure data transfer.

Monitoring all operational statuses via protocol function.

DB print for variable database printing at 600 printouts/min.



Remote control & monitor multiple printers

The DotW_CM software developed by Dotjet team is print station oriented allows the user to easily connect to DJ340plus PIJ printers. Print messages can be created from one main print station and then sent to printers using an Ethernet connection or Wifi. It also available for monitoring the status of all connected print systems give you transparency into your packaging line operation. DotW_CM features automatic printer detection that allows the software to find all Dotjet printers connected to the network.



Status window on mobile devices with indication of all operational statuses, ink levels and current printing label.



Clear display of all connected print systems.



Start/stop of printing. Set-up of printing parameters and configuration of print systems.

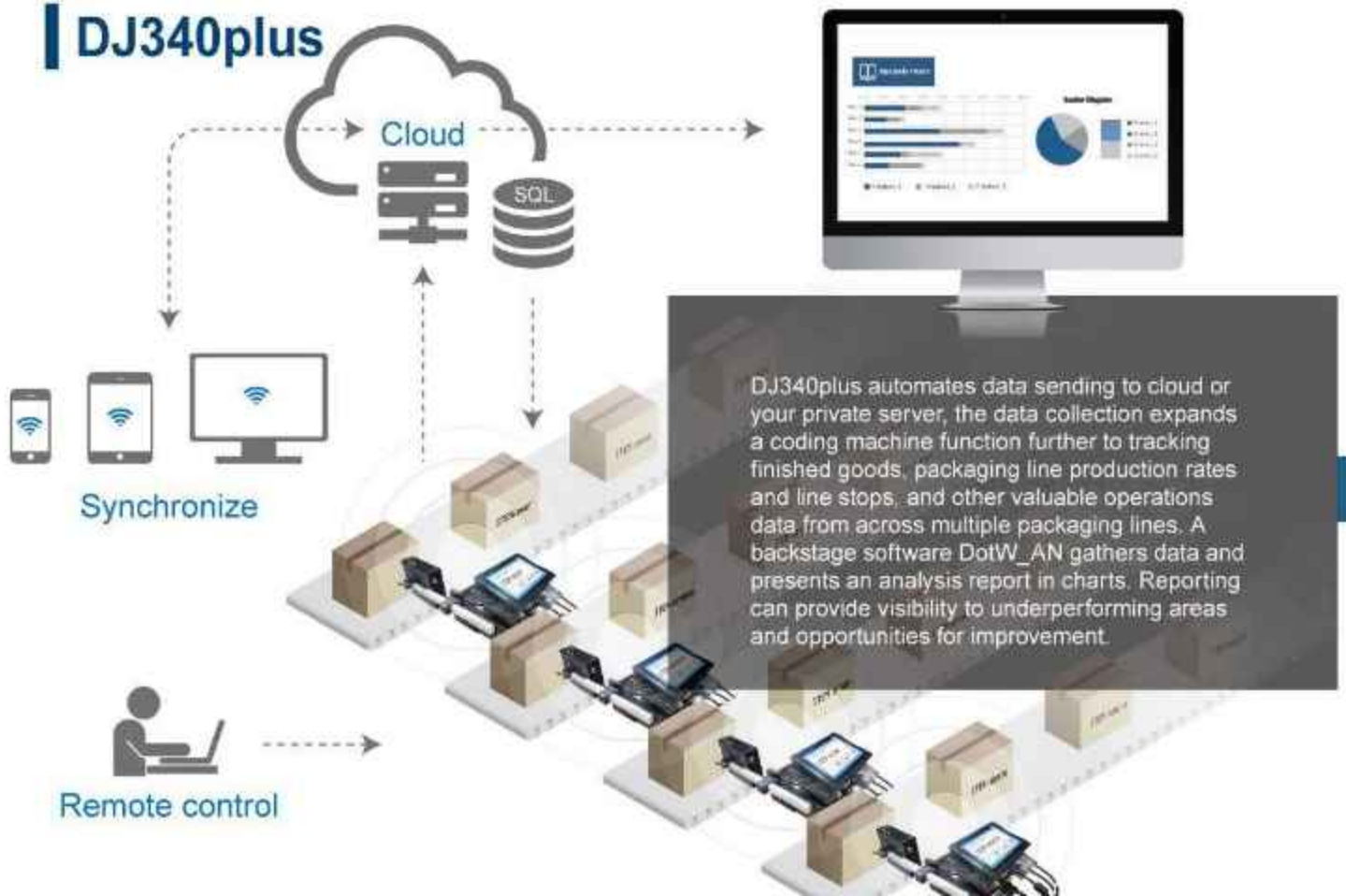


Administrating and creating print message.



Remote sending database, image file and print template to printers in connectivity.

DJ340plus



Technology	SPT Piezoelectric technology
Power supply	AC110-220V, 50/60HZ
Display	7" Color LCD with LED backlight
Operating temperature range	5°C ~ 45°C (41°F - 113°F)
Message storage	Up to 1000 messages
Maximum print height	17.5mm for PT128 head; 70mm for PT510 head
Print lines	Multiple lines depending upon the print character size
Message length	Maximum to 1024mm
Print resolution	Vertical / Horizontal - 200 dpi
Printing orientation	Horizontal and vertical printing
Distance to print Surface	Maximum 6.5mm (0.25 inches)
Print speed	Up to 98 feet/min (30m/minute) at 300dpi with 128 80pl print head Up to 197 feet/min (60m/minute) at 300dpi with 128 40pl print head Up to 164 feet/min (50m/minute) at 300dpi with 510 50pl print head Up to 197 feet/min (60m/minute) at 300dpi with 510 35pl print head
Print capability	Alphanumeric of full true type fonts. Scalable text; rotation, mirror and inverse printing. Automatic time and date functions. Automatic best-before date calculation. Automatic incrementing & decrementing batch counting and Lot-Box code. Auto repeat printing. Graphic format supported using 1 bit bitmap file. (*.bmp) 16 programming shift codes with automatic rollover. GS1 barcodes / 2D codes. External data connectivity print. Database print.
Database print format	CSV
External data communication interface	RS232, USB, Ethernet, TCP/IP
Particular features	MySQL database, Print data collection, Protocol control, Image in database, Multiple printer remote control by DotW_CM software
Ink usage	Oil and UV curing inks
Ink supply	250ml ink cartridge. 500ml bulk ink supply is optional
Dimension (L/W/H)	Controller 345 x 260 x 76 (mm) / 13.4 x 10.2 x 3 (inches) Print head & Ink delivery system 180 x 450 x 140 (mm) / 6.3 x 17.7 x 5.5 (inches)
Optional	Encoder, bulk ink supply, External low ink alarm, Backstage analysis/manage software.

ACCESSORY

Ink Low Mini Alarm



Encoder



UV Curing System



Print Head Swing-Arm

