CO*Pilot 128*

CO*Pilot 256*

INCREASED APPLICATION VERSATILITY

Squid Ink's CoPilot 128 and 256 printing systems are so designed as to print superior quality hi-resolution characters of either porous or non-porous surfaces. With up to 0.7" (128) and 1.4" (256) of print height per printhead and the ability to run up to 2 printheads from one controller, these offer a versatile yet cost-effective solution for your business.

SIMPLE-TO-USE CONTROL INTERFACE

Both the variants feature 4.3" full-color touchscreen that provides access to the systems' internal messages and print functions. Messages are created and edited on Squid Ink's easy-to-use Orion™ PC Software and transferred via Ethernet or USB device. For larger applications, a virtually unlimited number of printing systems can be connected via Ethernet and controlled through one central Orion™ print station.

APPLICATION VERSATILITY

While the CoPilot 128 is capable of printing 0.7" per printhead, the CoPilot 256 does up to 1.4" from a single head, with both systems running oil-based or solvent-based inks to print up to 185 dpi at 135ft /min on a variety of substrates. For non-porous applications, users have the option of utilizing Squid Ink's solvent-based inks to print on a variety of non-porous substrates like coated cartons, plastics, glass, shrink wrap, metals and more. Squid Ink offers a complete range of inks for both porous and non-porous substrates, with low-maintenance performance, thus eliminating the need for auto-priming functions and resulting in better ink utilization.

ENGINEERED FOR MAXIMUM UPTIME

Both the CoPilot 128 and 256 are designed to meet the harsh demands of your application, featuring a durable touchscreen, industrial strength printhead construction and print engines designed for industrial applications. You can be confident that their rugged design will withstand the most abusive industrial environments while providing superior quality print. These two CoPilot variants also feature a large 500ml cartridge or bag ink system. The generous ink volume allows users to keep their line running, reducing downtime and maximizing ROI.

INKJET CODING AT THE RIGHT PRICE

As new additions to Squid Ink's growing family of marking and coding systems, the CoPilot 128 and 256 let users meet the GS1 barcode specification. Any way you look at it, these unbeatable printers from Squid Ink provide users with an affordable solution to meet their inkjet coding needs.

THE RIGHT SOLUTION

Low cost of ownership. Low maintenance operation. Rugged design. User-friendly software. Dependable post-sales support. Your benefits go on and on... When it comes to industrial inkjet printing, rely on Squid Ink to provide the right solution for your coding and marking needs.

SQUID INK

USP

1) The CoPilot 128 & 256 utilize oil-based or solvent-based inks for printing on a wide range of porous or non-porous substrates

2) These systems have the flexibility to be configured to print horizontally, at an angle or, in down shooter position

3) The 4.3" full-color touchscreen provides access to the systems' internal messages and print functions

4) The bag ink agitator system is an ideal solution for users printing with pigmented inks

SYSTEM SPECIFICATIONS:

- **Print Technology -** Piezo impulse printhead technology
- **Maximum Print Height:** CoPilot 128 - 0.7" (18 mm) per printhead
  CoPilot 256 - 1.4" (35 mm) per printhead
- **Vertical Print Resolution -** 185 dpi capable of printing razor-sharp graphics, small character text, and scannable bar codes
- **Horizontal Print Resolution -** 205 dpi
- **Print Speed -** Upto 135 ft/min (41 Mtrs/min) @ 205 dpi
- **Time & Date -** Internal real time clock with battery back-up
- **Product Sensor -** External diffuse beam photocell standard
- **Communication Interface -** One USB host and one Ethernet input
- **Touchscreen -** 4.3" (10.9 cm) full color touchscreen display
- **Ink Cartridge Volume -** 500ml cartridge or bag
- **Low Ink Indicator -** Message alert on touchscreen; alarm beacon optional
- **Substrate Capabilities -** Porous or Non-Porous surfaces
- **Electrical Requirements -** 100 - 240 VAC, 50/60 Hz
- **Operating Environment -** 34°F to 104°F (1°C to 40°C)
- **Agency Certifications -** CE, TUV pending

SOFTWARE SPECIFICATIONS

- **Time & Date -** Full time and date functionality including expiration date and Julian dates.
- **Item Numbering -** Sixteen counters, one of which can be a daily counter.
- **Shift Codes -** Four programmable shift codes with automatic rollover
- **Bar Codes -** All standard bar codes including 2D
- **Fonts -** Arial, Arial Bold, Courier, Tahoma Bold and Lucida resident fonts for use in variable data elements. Static elements in any Windows® font
- **Logos -** Most image files supported with Orion Graphical Interface Software
- **Printing Features -** Reverse, invert, rotate, repeat. Print on/off button
- **Message Length -** Up to 120"
- **Number of Messages -** 1GB storage space will store approximately 1000+ messages
- **Ink Usage -** Shown in Orion™ PC Software
- **User Data Prompts -** Prompts for user input at start of print job by manual input on touchscreen

OPTIONAL ACCESSORIES

- **Encoder -** For operation with variable speed conveyors
- **Bar Code Scanner -** Laser Scanner allows scan and print message retrieval
- **External Alarm Beacon -** Indicates low ink levels
- **Floor Stand -** Includes mounting brackets and legs with leveling feet

- **Conveyor Mounting Bracket -** Provides stable mount to conveyor or other material handling equipment
- **Essential Kit -** Ink, cleaner and flush solution, printhead wipes, hand cleaner and latex gloves