

Digital Color Printer



The Digital Color Printer is a cut-sheet printer that provides high-quality workstation printing with PostScript® or PCL Level 3 printing protocol and displays color imaging for a permanent record of plant/process reports and displays.

FEATURES

The digital color printer provides the following features:

- ▶ High-quality hard copy output from I/A Series® Windows® based workstations or thin clients
- ▶ Support for PostScript® and PCL3 printing protocols
- ▶ Can be used for printing text, such as alarm and message logs, or for printing high-resolution process graphics
- ▶ Quiet operation.

HIGH PERFORMANCE

The digital color printer provides high-resolution multi-color printing sourced from I/A Series workstations or thin clients. It can also be used for general purpose printing of logs and is preferred in applications where quiet operation is desired. It is useful for application programs which output PostScript or PCL Level 3 printing protocol.

Full-screen displays can be printed on regular paper or, for highest quality results, on glossy paper which is specially designed for use with this digital color printer. Screen displays can also be copied from a

workstation monitor to an overhead transparency. Print cartridges are installed quickly, easily, and cleanly.

OPERATION

A menu selection on the I/A Series workstation allows you to select the color printer as the device to which display screen images are sent when a printscreen is requested. Display copies may be requested from an X Terminal with X Server software and remote I/A Series Display Managers. Display copies can also be printed from remote clients of an I/A Series Workstation Server.

The entire screen image or a selected window image can be captured in a buffer. Screen images optimally can be printed as fast as 9 seconds for color, or 8 seconds for monochrome.

Digital color printer activity occurs independently of normal display operation. As a result, the operator can access new displays at any time, excluding the image capture time.

Part Numbers:

- ▶ P0924UT: 120 V ac OKI Data® C711 Digital Color Printer and USB interface.
- ▶ P0924UU: 240 V ac OKI Data® C711 Digital Color Printer and USB interface.

Cables must be ordered separately.

FUNCTIONAL SPECIFICATIONS

Printing/Imaging Technology

Plain paperdrop on demand LED printing
Multilevel LED printheads and microfine toner technology

Resolution

Up to 1200 x 600 dpi

Print Engine Maximum Speed

Color = 34 ppm

Black and white = 36 ppm

Monthly Usage

Up to 100,000 pages per month

Memory

256 MB (Standard)

LED Printing Mechanism

Four toner cartridges and image drums: Black, Cyan, Magenta, and Yellow

TONER CARTRIDGE LIFE

11,500 pages for Cyan, Magenta, and Yellow

11,000 pages for Black

IMAGE DRUM LIFE

Approximately 20,000 pages

Operating Systems Supported

Windows 7, Windows XP, Windows Server 2008 R2 x64, Windows Server 2003, Windows Server 2000

Connectivity

Local ports: high-speed USB v2.0, parallel
Network interface: 10Base-T/100Base-TX Internal Ethernet Print Server

Emulations

PCL® 6, PCL 5c; PostScript® 3™; IBM® PowerPrinter®; Epson® FX; Windows Vista XPS; PDF Direct Print v1.7

Media

TRAY CAPACITY INPUT

Main/2nd/3rd Tray

530 sheets of plain paper

Multi-Purpose Tray

100 sheets of plain paper

SIZES

Legal, Letter, A4

TYPES

Cut-sheet plain paper, transparencies, envelopes, mailing label stock, and banners and cut-sheet special

FUNCTIONAL SPECIFICATIONS (CONTINUED)

Media (Continued)

WEIGHTS OF PAPER

Main/2nd/3rd Tray

17 lb. bond – 120 lb. index (64 – 220 gsm)

Multi-Purpose Tray

17 lb. bond – 140 lb. index (64 – 250 gsm);

duplex 17 lb. – 120 lb. index (64 – 220 gsm)

Scalable Typefaces

86 MonoType, 80 PostScript fonts, 1 OKI original OCR font

PHYSICAL SPECIFICATIONS

Width x Depth x Height

17.1" x 21.5" x 15.3"

(43.5 cm x 54.7 cm x 38.9 cm)

Mass

60.8 lb. (27.6 kg)

Cable for Local Connections

USB A/B cable - P0972SN (1.8 m (6 ft))

Mounting

Table or desk

ENVIRONMENTAL SPECIFICATIONS

Operating Noise

Operating: ≤54 dB

Standby: ≤37 dB

Location

UL/UL-C listed as suitable for use in ordinary locations and meets ordinary safety standards for fire and shock hazards.

Contamination

Class G1 (Mild) as defined in ISA Standard S71.04

Line Voltage

P0924UT: 120 V ac

P0924UU: 240 V ac

Line Frequency

50 or 60 Hz

Power Consumption

IDLE

100 W

TYPICAL

600 W

PEAK

1300 W

POWER SAVE

<1.2W (approx. 1.0W)

DIMENSIONS-NOMINAL

cm
in



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Global Customer Support
Inside U.S.: 1-866-746-6477
Outside U.S.: 1-508-549-2424 or contact
your local Invensys representative.
Website: <http://support.ips.invensys.com>

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