



Kodak Versamark CS400 system controller

High-performance processing

Flexible state-of-the-art production printing

The Kodak Versamark CS400 system controller is an integrated component of Kodak Versamark printing systems. Custom designed with a modular and scalable architecture, the CS400 system controller provides extra-high performance for printing black, spot- or process-color jobs.

The CS400 processes data and commands and sends the information to one or more data stations that RIP the data for printing. The CS400 supports up to 16 of any size printhead as well as the feature sets from earlier controller products, including those in the 200 series, providing an easy upgrade path for users requiring flexible, state-of-the-art production printing.

- Industry-leading performance in font downloads and processing speeds
- Microsoft Windows XP operating system platform
- Highly graphical user interface with on-screen, visual system representation
- Easy-to-use touch screen with central point of control

- Automated configuration definition and setup
- “Save-and-load” for multiple job setups for fast, efficient operation
- Auxiliary cue output for use with strobes or camera systems
- Document synchronization and registration regardless of the number of printheads
- Compatible with all Kodak Versamark transport options
- Fully integrated Print Station Interface (PSI) for systems with 9-inch printheads
- Support for DS3600/DS3700 machine control features
- Remote connection for error isolation and troubleshooting

The CS400 system controller supports up to four CD120 or CD130 data stations, each of which include up to four RIPs. One data station can be housed in the main controller cabinet; additional data stations are housed in auxiliary cabinets. Data stations for the 1.06" and 2.13" printheads are self-contained within the print station cabinet. System setup and run-time functions are handled by the operator through the controller user interface.



FUNCTION

The CS400 system controller provides the data and operator interface to single or multiple print modules via Kodak Versamark data stations. The system controller controls from one to 16 Kodak Versamark printheads and can stitch* two 8.96" printheads or four part-page (3.41" or 4.27") printheads. The data station processes and RIPs the input data received from the system controller and outputs the digital image to the associated printheads.

*Stitching is possible only with printheads of the same size and resolution.

CONFIGURATIONS/ UP TO 16 PRINTHEADS

4 per data station:

8.96" printheads – DH90 and DH91*
4.27" printheads – DP6240 printer
3.41" printheads – DP6300 printer
2.77" printheads – DP5300 printer

1 per data station:

2.13" printheads – DP5122 printer
2.13" printheads – DP7122 printer
1.07" printheads – DP5120 and
DP5240 printers
2.58" printheads – DP4300 printer

*requires Print Station Interface (PSI)

INPUT DATA FORMATS

MPC & IJPDS

DATA PREP SOFTWARE

Job files created using Kodak Versamark composer software, MPC data prep software or any user-supplied software that generates an InkJet Printer Data Stream (IJPDS) or MPC file

INPUT MEDIA

CD/DVD-ROM
Dedicated file server
Any operating system recognized/
mounted file system

NETWORKING

The CS400 comes with an Ethernet adapter card that has a connection for twisted pair cabling. The controller supports all networking protocols supported by Windows XP operating system.

CONTROLLER NETWORK CARD

1x10/100 mBit on processor, dedicated
2x10/100/1000 mBit on PCI, 1 available for user

Controller Display

17" LCD touch screen at 1,280 x 1,024

Controller Computer*

2.4GHz Intel Pentium IV processor
industrial configuration
512MB RAM
20GB or more, 7,200 rpm disk

*minimum specifications

CONTROLLER PHYSICAL DIMENSIONS

Width: 36" (91.5 cm) –
includes top work surface
Depth: doors closed – 32" (81.3 cm)
doors open – 72.5" (184 cm)
Height: 40" (101.6 cm)
(without monitor)
Weight: 380 lbs. (172.4 kg)

DATA STATION PHYSICAL DIMENSIONS

Width: 17" (43.2 cm)
Depth: 23" (58.4 cm)
Height: 10.5" (26.7 cm)
Weight: 41 lbs. (18.6 kg)

POWER REQUIREMENTS

200–240 VAC, 50/60 Hz, 10 amp

ENVIRONMENTAL OPERATING RANGES

Temperature: 60°F–85°F (15.6°C–29.4°C),
Relative humidity: 10%–90% non-condensing

Temperature: 85°F–104°F (29.4°C–40°C),
Relative humidity: 10%–60% non-condensing



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For more information on Kodak Versamark printing solutions, contact your local sales representative, call us at 800.472.4839 or visit our website at www.kodakversamark.com.
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