KODAK **CS450**
SYSTEM CONTROLLER

The right tools to maximize your inkjet printing system

Designed with a modular and scalable architecture, the KODAK CS450 System Controller provides unparalleled speed and exceptional flexibility for printing jobs in black, spot color, or process color with Kodak's family of inkjet printheads. The CS450 System Controller powers your Kodak systems with industry-leading reliability, speed, and efficiency.

The CS450 System Controller provides three key functions:

- Interprets and rasterizes data into a printable format
- Controls the printheads, transport, and other components that make up the printing system
- Offers an easy-to-use graphical user interface for efficient operation of the printing system

The CS450 System Controller enables you to provide a range of new, personalized applications for your clients by combining the best of your analog offset, flexographic, and gravure printing and finishing equipment. Deliver a more profitable business with high quality and high-speed variable capabilities.

- **Flexibility and production efficiency**
  Support up to 24 Kodak continuous inkjet printheads. Printhead types may be mixed.
- **Lower labor costs and improve customer satisfaction**
  Process over 2,000 images per minute in process color, or 4,000 images per minute in monochrome, and support transport speeds of 900 mpm (3,000 fpm).
- **Improve performance and reduce energy consumption**
  Run MICROSOFT WINDOWS 10 Pro operating system on a streamlined hardware configuration with a Solid-State Drive (SSD).
- Additional money-saving standard features include:
  - Job spooling
  - Document synchronization and page correlation
  - Variable document length
  - Read and Print with dynamic data
  - Production tracking

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KODAK CS450 System Controller	
General specifications	
Features	• Each CS450 System Controller can support up to four KODAK CD132 Data Station servers and print with a maximum of 24 printheads (RIPs) at one time. • A Print Station Interface (PSI) is required for: DH90, DH91, KODAK VERSAMARK VL2000/2200, VL4000/4200, KODAK PROSPER S5, S10, S20, S30 and Plus Imprinting Systems. • Supports the following KODAK Printers: DP5120, DP5122, DP5220, DP5222, DP5240, DP5300, DP5340, DP6240, DP6300, DP90, DP91, S5, S10, S20, S30, Plus, VL2000 and VL4000.

Electronic stitching capability	• Can stitch two 9″ style printheads or up to four 4″ style printheads.
	  Note: Electronic stitching is possible only with printheads of the same size and resolution.
	       Image quality at stitch point is transport and application dependent.

Input data formats	• IJPDS
Data prep software	• KODAK IJ Data Prep Software family
Input media	• Dedicated file server via network • Any operating system recognized/mounted file system
Networking	• TCP/IP connection to external network server. • All WINDOWS 10 networking protocols are supported.
Transports supported	• All KODAK VERSAMARK V-Series and D-Series Printing Systems, and KODAK PROSPER Imprinting Systems • Other 3rd party transports: KODAK VERSAMARK Programmable I/O Box option
User interface	• 22 in flat-panel LCD touch screen monitor • USB Mouse and Keyboard included
Optional features	• Print Station Interface (PSI) • Narrow Format Diagnostics Utility (for DP5220, DP5222, DP5340 Printers)
CS450 Physical dimensions	• Width: 73.7 cm (29 in) – top work surface • Depth: doors closed – 81.3 cm (32 in), doors open – 184 cm (72.5 in) • Height: 101.6 cm (40 in) (without monitor) • Weight: 172.4 kg (380 lbs) Note: With 3 or more data stations, an expansion cabinet is required, adding 29 in x 32 in x 40 in
CD132 Data Station Physical dimensions	• Width: 43.2 cm (17 in) • Depth: 58.4 cm (23 in) • Height: 17.8 cm (7 in) • Weight: 18.6 kg (41 lbs)
Storage	• Each CD132 Data Station features a 500GB Solid State (SSD) hard drive.
Power requirements	• 200–240 VAC, 50/60 Hz, 15 amp Note: With expansion cabinet, two 15 amp connections required.
Environmental operating ranges	• For Environments with relative humidity: 10%–90% non-condensing, the temperature range is: 15.6°C–29.4°C (60°F–85°F) • For Environments with relative humidity: 10%–60% non-condensing, the temperature range is: 30°C–40°C (86°F–104°F)