

DCS^{with} color 12-24 FIRST



Lift your productivity to new heights using the DCS 12-24 with ColorFIRST™. This advanced technology images in monochrome and full color directly on rigid substrates up to 12x24 inches in size. By eliminating the need to manually transfer your work, the 12-24 may represent the most efficient sign making equipment on the market. And the 12-24 is adaptable, accepting a variety of common substrates ranging up to 1/4 inch thick. Advanced, efficient and adaptable, three reasons for selecting the DCS 12-24 with ColorFIRST™.

Images directly on**:

- engraving materials
- PVC and expanded PVC
- acrylics • vinyl coated magnetic material
- DCS coated metals
- PETG and ABS
- injection molded parts, etc.

“The DCS 12-24 immediately solved production problems we were facing with alternative processes. With the 12-24 we can print on different materials more reliably and colors are printed with increased consistency”.

T. Brown - Expressions in Brass Calgary, Canada

Direct Color Systems™

www.directcolor.com



Specifications - DCS I224

Imaging Process	Digital Thermal Dye and Resin Printing with INTM Transfer
Resolution	300 DPI (11.8 dots/mm) and 300 LPI
Colors	Up to 16.7 million continuous tone colors
Print Speed	1" (25.4mm) per second
Maximum Print Width	8.125" (206mm)
Maximum Print Length	12" (304.8mm) full color seamless 24" (609.6mm) full color seamed step and repeat 24" (609.6mm) monochrome seamless
Accepted Sign Width	3" to 12" (76.2mm to 304.8mm)
Accepted Sign Length	6" to 24" (152.4mm to 609.6mm)
Accepted Sign Thickness	.050" to .250" (1.27mm to 6.3mm). Thinner materials may be printable with a carrier beneath them.
Substrate Feed Mechanism	Single hand fed
Substrates Accepted**	Standard engraving materials, PVC, expanded PVC, acrylics, vinyl coated magnetic materials, polycarbonate, PETG sheet, some injection molded sign blanks, DCS printable metals
Printer Buffer	9 MB
Display	Five LED lights and three buttons on front user panel
System Requirements	See DCS web site for current minimum system guidelines
Software Driver	Windows® 2000 Professional, Windows XP
Interface	EEE 1284 Parallel (ECP compatible). Dedicated parallel port required. Printer cannot share port with other peripherals or software application dongles (security devices).
Power Source	110-250 VAC, 50/60 Hz (220-250 VAC via a transformer)
Operating Temperature	65F to 80F (18C to 27C)
Humidity	Non-condensing 20% - 60%
Dimensions	18.25" (463.5mm) Height, 18.5" (469.9mm) Width, 33.5" (850.9mm) Depth. Depth dimension includes input and output trays.
Weight	67lbs. (30.4 Kg)
Agency Listings	Safety Standards UL Approved Emission Standards FCC Class A CE Approved
Warranty	Printer - 1 year limited warranty
Options	Color Byte™ software (USB dongle available) Extended Warranty
Ribbons, Substrates and Supplies	Available through Direct Color Systems Authorized Distributors

*Note: Print Speed is not throughput speed. Throughput speed will vary depending on driver settings, substrate type, frequency of prints and ribbon type. Throughput speed is job specific.

**Note: All substrates should be tested for image receptivity with final acceptance and suitability determined by customer. This data sheet is for informational purposes only. Direct Color Systems™ makes no warranties, expressed or implied, in this summary. Specifications are subject to change without notice. This is not an offer for sale.

Direct Color Systems™

"Creating Customer Profitability Through Continual Innovation"