

# Direct Color Systems®

## UV LED ADA/BRAILLE PRINTING

### APPLICATION

## PATENTED TECHNOLOGY



### 6" x 8" (152mm x 203mm) MEN Sign<sup>[1]</sup>

#### SMALL FORMAT PRINTER

- Print 1:** Flat Pictogram without Background  
Time: 3 Min. 50 Sec.
- Print 2:** Flat Pictogram with Background  
Time: 4 Min. 30 Sec.
- Print 3:** Raised Pictogram without Background  
Time: 4 Min. 21 Sec.
- Print 4:** Raised Pictogram with Background  
Time: 5 Min. 20 Sec.

#### WIDE FORMAT PRINTER

- Print 1:** Flat Pictogram without Background  
Time: 3 Min.
- Print 2:** Flat Pictogram with Background  
Time: 3 Min. 5 Sec.
- Print 3:** Raised Pictogram without Background  
Time: 2 Min. 42 Sec.
- Print 4:** Raised Pictogram with Background  
Time: 3 Min. 15 Sec.

PRINT TIMES BASED ON BI-DIRECTIONAL PRINT MODES

#### INK COST

- Flat Pictogram without Background: \$0.19
- Flat Pictogram with Background: \$0.50
- Raised Pictogram without Background: \$1.68
- Raised Pictogram with Background: \$2.04



The versatile Direct Jet MVP Classic, 1800z and 7200z UV LED printers from DCS can be used to create ADA-compliant Braille signage. Users can quickly and economically create signage that complies with federal ADA guidelines<sup>[2]</sup> via a DCS patented UV LED printing process. Standard 6" x 8" signs can be output in less than 5 minutes, with a full digitally printed background, raised letters and Braille dots.

Compliant with U.S. Patent No. 9,498,977, U.S. Patent No. 9,757,961 [directcolorsystems.com/patents/](http://directcolorsystems.com/patents/)

#### Substrates <sup>[3]</sup>

DCS recommends using its InkMark™ UV Matte-Finish Metal. Other substrates can be used but will require testing for compliance and/or receptivity and adhesion by the end user.\*

#### Ink

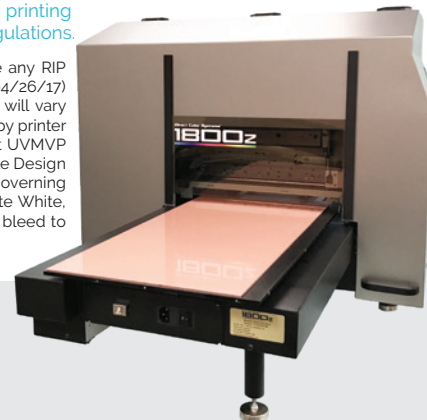
DCS Multisolve™ UV-Stable IR2, IRF4, and IRF6(T) UV LED inks.

#### ADA Software Module

S-ADAMODULE includes options for: ADA Raised Text, ADA Visual Text, ADA Visual with Raised Text, ADA Braille Only, ADA Pictograms and Symbols Library, and ADA Standard Sign Templates.

<sup>[1]</sup> The ADA Module and a vacuum table must be purchased prior to installation. The vacuum table attachment is required when printing up to 1/4" thick substrates due to amount of ink applied with multiple pictograms currently required by some regional ADA regulations.

<sup>[2]</sup> Cycle times are good faith estimates only, based on print modes listed above. The data represents printing times only and do not include any RIP processing time. Actual times may vary based on computer speed, memory, etc. Ink costs are based on best value pricing per DCS's published (04/26/17) US List pricing and print modes available at the time this sheet was published (03/09/18). Ink usages are good faith estimates only. Usage will vary depending on media type, file content, cleaning cycles, frequency of use and print modes used. Actual production usage should be determined by printer owner/operator based on production environment variables. <sup>[3]</sup> While the components of the ADA signage, produced on compatible Direct Jet UVMVP 1800z and 7200z printers, have tested to be in compliant federal USA ADA signage guidelines outlined in the 2010 ADA Standards for Accessible Design (Department of Justice - September 15, 2010 [www.ADA.gov](http://www.ADA.gov)), it is the responsibility of the signage manufacturer to ensure compliance with the governing local, state and federal authorities. <sup>[4]</sup> DCS offers ADA-compliant InkMark UV Metal. This metal comes in a matte finish with color options of Matte White, Matte Gold, Matte Silver. DCS also offers InkMark UV metal that is not ADA-Compliant. This metal can be used if graphics are printed as a full bleed to thereby become ADA-compliant. Standard InkMark UV Metal is also available in White, Gold and Silver finishes.



#### COMPATIBLE PRINTER MODELS:

**UVMVP**  
**Classic**

Direct Color Systems®  
**1800z**

Direct Color Systems®  
**7200z**