

## imagePASS-W20 print controller

### for the BJ-W9000 wide format graphics printer

The new imagePASS-W20, developed to support Canon's high-end 42-inch wide-format printer, BJ-W9000, takes graphic printing to the next level. The imagePASS-W20 meets the needs of the print-for-pay industry and the professional graphics market, bringing superior color quality and wide-format printing together.

As a dedicated print controller for the BJ-W9000, Canon's imagePASS-W20



brings digital printing technology to any work environment. Users will benefit from the true 1200 x 600 dpi, photo-like, 6-color ink quality optimized by the controller as well as high-speed processing as a result of the industry-standard Intel Celeron processor.

For consistent, high-quality output from any application or platform, ColorWise 2<sup>®</sup> makes color management on the large-format solution easy. Optimized, default color settings offer quality color to users without prior color management knowledge while in-RIP ICC support offers the best color match of any

monitor, press, or printer for more expert users.

Standard Fiery Utilities, such as Command WorkStation, give users full control of their print jobs from a central location. Similarly, Fiery WebTools give users control through the Internet. Such features simplify print job management. The imagePASS-W20 offers a variety of enhanced wide-format features, such as preview, nesting, and paneling, adding even more functionality to the BJ-W9000.

- imagePASS-W20 with BJ-W9000 offers a true wide-format production printing solution
- ColorWise 2 helps manage print output from BJ-W9000's six color ink system
- Supports 1200 x 600 dpi resolution in all print modes for better details and smoother edges
- NetWise 2 offers seamless integration into any network without additional components or software
- RIP-While-Print<sup>®</sup> simultaneously processes and prints jobs to maximize throughput

- Job Preview gives users thumbnail and full views of print jobs before printing
- Nesting allows users to manually nest jobs of any page size and maximize media usage
- Autoscale scales print jobs up or down to a new paper size
- Paneling prints specified portions or panels of images—perfect for images that are larger than media
- Fiery Link sits on the desktop and provides real-time print job status information



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Canon U.S.A., Inc.  
One Canon Plaza  
Lake Success, NY 11042

#### Hardware

- Intel Celeron @ 433 MHz CPU
- 128 MB RAM
- 20 GB hard disk drive
- Internal CD-ROM drive
- SCSI interface

#### Printer Supported

Canon BJ-W9000

#### Operating System

Windows NT

#### Printer Driver Support

- Windows 95/98/2000/NT 4.0
- Macintosh System 8.x and 9.04
- UNIX

#### Page Description Language/Fonts

- Adobe PostScript 3
- 136 Adobe Type 1 and TrueType Roman scalable fonts

#### Resolution

1200 x 600 dpi (at all supported page sizes)

#### Networking – Netwise 2

- Simultaneous autoswitching protocols:
  - EtherTalk
  - TCP/IP
  - IPX/SPX
- Autosensing ports
- Automatic IP configuration
- Auto Frame Type
- SMB support (Windows printing)
- Novell NDS support
- 10/100BaseT standard support

#### Printing Technologies

- RIP-While-Print® prints job while processing the rest of the job
- Job Previews (thumbnail and full-screen)
- Job Merging/Editing
- Screen Method
  - Stochastic screening for fastest printing
  - Error Diffusion screening for photographic quality images and smoother gradients
- User-defined for a user specified screen

- Media Saver for multiple copies printed across media before paper advancement
- Nesting to manually nest jobs and maximize media usage
- Autoscale scales jobs up or down to new paper size
- Paneling for printing specified portions or panels of a large image
- Mirror to flip image horizontally on vertical axis
- Dry Time for specified time to dry in between pages
- Auto Sheet Cut
- Banner to print a multi-page job as one seamless image

#### Color Management – ColorWise®2

- ColorWise Pro Tools – primary method of managing ColorWise 2
  - Profile Manager for full support of industry-standard ICC profiles
  - Color Editor to customize profiles
  - Calibrator for basic calibration of imagePASS-W20
- Built-in Color Rendering Dictionaries (CRD) transform data into best CMYK (printer) match
- Quick and Full Prepress Simulation to simulate density and hue of SWOP, EuroScale, DIC standards
- PANTONE Spot Color Matching
- RGB Separation supports RGB workflow by converting data to CMYK color space of printer or press
- Combined Separations supports trapping and overprinting files from QuarkXPress and PageMaker
- Pure Black Text and Graphics
- Color Charts and Reference Tools to see colors before printing

#### Utilities

- Command Workstation for centralized job management (Win 95/98/NT/2000 only) and job nesting
- Fiery WebTools™ for remote management and job nesting via Internet browsers
  - Status
  - WebSpooler
  - WebLink
  - Installer
- Fiery Downloader™ for downloading and batch printing of PostScript, PDF, EPS, and TIFF files
- Fiery Link for dynamic system status reports on desktop (Win95/98/NT/2000 only)
- Job Log tracks details of all print jobs including user, name of job, date, and time

#### Regulatory Approvals

- Safety
  - CE Mark
  - CSA TUV/GS
  - UL
  - CB Scheme
- EMC
  - FCC B
  - VCCI II
  - C-Tick
  - EN55022

#### Power Supply

- Autoswitching 110/220 V/AC 50/60 HZ for global use

#### Dimensions

- 20.5 x 18.75 x 7.5 inches

#### Weight

- 32 lbs.