

you can
Canon

Colour Network Printer Unit H1

Light Production
Colour Range

Exceptional print performance

Canon's Colour Network Printer Unit H1 is an embedded print controller that's designed to optimise the performance of your CLC4040 and CLC5151.



Key benefits

Performance

An impressive set of performance features ensure you can handle the most demanding workloads

- **High-speed processing** of colour intensive files
- Optimised PDF performance
- Pre and post flight management of files
- Advanced trapping
- **Halftone simulations**
- Control bars
- **Progressives**

Advanced trapping

Control bars

Quality

Advanced capabilities means text and graphics of the highest quality

- Access for halftone simulation edits
- **Composite overprint** of CMYK and spot colours
- High-end text and graphics quality
- **Advanced calibration**

Advanced calibration

Quality and performance for print professionals.

Specifications Colour Network Printer Unit H1

CLC's Supported CLC4040 & CLC5151

<p>HARDWARE</p> <p>EFI PLATFORM NAME X3IM</p> <p>CPU CeleronM 1.5GHz, FSB400MHz</p> <p>Chipset Memory Intel 855GME + 6300ESB DDR256MB (UPGRADE TO 512MB)</p> <p>HDD Ethernet port to LAN Size, Weight 3.5inch, 80GB, SATA 1000/100/10Mbe 9.3cm(D) x 33.2cm (W) x 28.7cm(H), 4.95 kg</p>	<p>GretagMacbeth Eye-One X-Rite DTP 32 & 41 X-Rite DTP 32 II & 41 II Calibration comparison page Colour Editor Profile Manager Edit Profiles Device link profile support Colour Setup Spot-On Support for Rich Black Option ICC Profiles v.4.2 support Visual Feedback in Calibration ColorCal Single Pattern</p>	<p>WebScan Scan initiation ADF scan support Scan Destination Scan to Mailbox Scan to Hold Queue (for use with Job Merge/Edit) Scan to Email Scan to internet fax Scan to FTP Scan to local hard drive Scan retrieval Through twain plug-in and application (Improvement) Web LDAP Address Book</p>	<p>New Setup tool Display persistent status messages in the General Info section Support Impose 2.6 (enabled w/Impose 2.6) Font backup/restore from the Manage Fonts UI</p>
<p>FIERY SYSTEM 8.0e</p> <p>PAGE DESCRIPTION LANGUAGES</p> <p>PostScript 3 (CPSI) 136 Adobe PS fonts installed PS Font backup support TIFF v6 Optimise PDF Native PDF support (v1.5) Native PDF support (v1.6) PDF/X support Double Byte Font Support (CID fonts only) Spot colour support (in PS, EPS, and PDF) PCL 6 (PCL XL) 80 Agfa fonts (to replace Bitstream) PCL/PostScript Autoswitching SmartRIP 2 Technology</p>	<p>COLOUR AND IMAGING FEATURES</p> <p>RGB Source Profile Rendering Style RGB Separation CMYK Simulation Profile CMYK Simulation Methods Spot Colour Matching Black Text and Graphics Rich Black Option Black Overprint Combine Separations (CMYK) Image Smoothing Auto Trapping SpotOn Colour editor (w/HKS/Toyo and DIC support) Text/Graphics Quality Print Gray as Black Composite Overprint of CMYK ColorCal Single Pattern</p>	<p>MINI FIERY GRAPHIC ARTS FEATURES</p> <p>EFI Hot Folders and Virtual Printers Auto Trapping (1-pixel) Spot-On HKS, Toyo, DIC Spot Colour Support</p>	<p>EFI DRIVER</p> <p>Win 2000/2003/XP Mixed Media v.1.x (job properties per page or range) Job Monitor (status of user-sent jobs) FreeForm previews (PostScript only) Booklet Maker v.2.1 Printer and Consumable status Watermarks Enhancements Image shift Job Templates Mac Print Centre Plug-ins for OS 10.2+ Job notes Printer Status ColorWise Settings Image shift PPD support for OS 9 User Authentication support UI Improvements: Sec. 508 compliance (usability for people with disabilities) Improved Job Layout Preview Improved Print Option Groupings Basic Shortcuts Improvements Virtual Printers Support</p>
<p>NETWORKING</p> <p>Auto Protocol switching Auto Port switching Pserver (8 connections) NDS Netware 6 compliance (IPP, NDPS gateway printing, point and print) SMB AppleTalk TCP/IP Static IP Auto IP DHCP BOOTP Point and Print - Win2000/2003/XP TCP/IP SNMP Common Printer MIB SNMP Configurable Community Name SNMP On/Off Switch v3 support Port 9100 (w/BiDi) IPP Email client Print via Email (PS/PDF/TIFF) Email Port Monitor EFI SDK v1.0 IP Filtering Port Blocking (Filtering) SNTP IPv4 IPv6 LDAP User Authentication</p>	<p>VARIABLE DATA</p> <p>Formats FreeForm v1 Enhanced FreeForm (FreeForm 2.1) Record & Set Level Finishing Support FreeForm v1 Enhanced FreeForm (FreeForm 2.1) VDP record range printing VDP imposition (requires EFI Impose) FreeForm 1Record Length</p>	<p>WEBTOOLS</p> <p>Home (Fiery status and product-level capabilities) Print (job submission) Install (driver download) Scan (scan job retrieval) Configure (setup options) Downloads Backup and Restore Settings Docs User Authentication Management Tool</p>	<p>SECURITY FEATURES</p> <p>Secure Erase v1 Encryption of Passwords and Sensitive Data LDAP User Authentication Mailbox Password</p>
<p>EFI IMPOSE (OPTION)</p> <p>Demo Mode Create/Save imposed job in PDF format New Gang-Up styles User Preference for default scaling factor User Preference for PS to PDF conversion Sheet's non-printable area preview Delivery Options Front/Back Cover printing settings Mixed Media definition Acrobat 7 support Support for Booklet Maker 2.x Insert custom text for blank pages</p>	<p>JOB MANAGEMENT FEATURES</p> <p>Electronic Collation Forward Order application independent electronic collation (1-N) Reverse Order application independent electronic collation (N-1) Queue multiple Ripped jobs for printing Spool-Rip-Print simultaneously Archiving (through CWS) To Network To Internal hard drive Search Fiery USB Media Server v2 Member printing (Dept ID management) Secure Printing Secure Erase v1 Microsoft print server support PnP from print server Print from Fiery Driver Terminal Server Mixed Media Support Tab Shift Integrated front/back cover support Table UI Media Defined Profiles (Automated Colour Mapping) Booklet Maker v.2.1 Scale to fit printing Balance v3.x compliant Job Log Enhancements</p>	<p>COMMAND WORKSTATION FOR MAC</p> <p>Compatible with MacOS OS 10.2.8 or later Downloadable from WebTools Security (admin, operator, guest logins) Job properties Job merge Job Preview Mixed Media (job properties per page or range) Job Status helper Find file by general and advanced attributes Booklet Maker v2 Support Support for Image Shift Single Fiery view Job merge Clear Server enhancements ColorWise Pro Tools support (launcher) Download Advanced Find function Online Help</p>	<p>INSTALLATION AND ADMIN TOOLS</p> <p>HP JetAdmin Capable Feature Activation USB Dongle Ethernet Installer</p>
<p>COLORWISE PRO TOOLS</p> <p>Calibrator ColorCal w/Autogray Supported Measuring Devices:</p>	<p>FIERYSCAN</p> <p>Fiery Scan user tools Fiery Remote Scan v.5.4 for Windows and Mac OS 10 Fiery Remote Scan v.5.0 for Mac OS 9 LCD</p>	<p>COMMAND WORKSTATION FOR WINDOWS</p> <p>Compatible with Win 2000/2003/XP Compatible with all EFI servers currently using CWS v3.X Security (admin, operator, guest logins) Launch additional tools ColorWise Pro Tools EFI Impose option Job properties Mixed Media (job properties per page or range) Job merge Booklet Maker v2 overrides Multiple Job Preview Load Balancing (Manual) PS/PDF jobs Find file by general and advanced attributes Multiple Fiery view Tool tips style help Clear Server enhancements Download Job Log Enhancements Fiery Colour Network printer Unit-F2 Resolution USB Dongle Virtual Printers Replace buttons with icons in the Action Buttons toolbar Add a submenu of user defined searches off the Edit: Find... menu item Automatically launch predefined application upon Server: Export</p>	<p>EFI HOT FOLDERS AND VIRTUAL PRINTERS (OPTION)</p> <p>Support for Win 2000/2003/XP Support for OS 10.2+ Postscript PS, EPS files PDF TIFF 6 Imposition (using EFI Impose option) VDP imposition Custom Imposition Template Creation PPD overrides (that match available printer) Display Unidriver PPD override UI To Hold/Print/Direct queues VDP and VDP job folder download Filters: PDF 1.6 Mixed Media Support (Windows version only) Virtual Printers</p>
<p>EFI IMPOSE (OPTION)</p> <p>Demo Mode Create/Save imposed job in PDF format New Gang-Up styles User Preference for default scaling factor User Preference for PS to PDF conversion Sheet's non-printable area preview Delivery Options Front/Back Cover printing settings Mixed Media definition Acrobat 7 support Support for Booklet Maker 2.x Insert custom text for blank pages</p>	<p>FIERYSCAN</p> <p>Fiery Scan user tools Fiery Remote Scan v.5.4 for Windows and Mac OS 10 Fiery Remote Scan v.5.0 for Mac OS 9 LCD</p>	<p>COMMAND WORKSTATION FOR WINDOWS</p> <p>Compatible with Win 2000/2003/XP Compatible with all EFI servers currently using CWS v3.X Security (admin, operator, guest logins) Launch additional tools ColorWise Pro Tools EFI Impose option Job properties Mixed Media (job properties per page or range) Job merge Booklet Maker v2 overrides Multiple Job Preview Load Balancing (Manual) PS/PDF jobs Find file by general and advanced attributes Multiple Fiery view Tool tips style help Clear Server enhancements Download Job Log Enhancements Fiery Colour Network printer Unit-F2 Resolution USB Dongle Virtual Printers Replace buttons with icons in the Action Buttons toolbar Add a submenu of user defined searches off the Edit: Find... menu item Automatically launch predefined application upon Server: Export</p>	<p>OPTIONS LIST</p> <p>EFI Impose 2.6 GretagMacbeth Eye-One Secure Erase v1 EFI Hot Folders and Virtual Printers</p>
<p>EFI IMPOSE (OPTION)</p> <p>Demo Mode Create/Save imposed job in PDF format New Gang-Up styles User Preference for default scaling factor User Preference for PS to PDF conversion Sheet's non-printable area preview Delivery Options Front/Back Cover printing settings Mixed Media definition Acrobat 7 support Support for Booklet Maker 2.x Insert custom text for blank pages</p>	<p>FIERYSCAN</p> <p>Fiery Scan user tools Fiery Remote Scan v.5.4 for Windows and Mac OS 10 Fiery Remote Scan v.5.0 for Mac OS 9 LCD</p>	<p>COMMAND WORKSTATION FOR WINDOWS</p> <p>Compatible with Win 2000/2003/XP Compatible with all EFI servers currently using CWS v3.X Security (admin, operator, guest logins) Launch additional tools ColorWise Pro Tools EFI Impose option Job properties Mixed Media (job properties per page or range) Job merge Booklet Maker v2 overrides Multiple Job Preview Load Balancing (Manual) PS/PDF jobs Find file by general and advanced attributes Multiple Fiery view Tool tips style help Clear Server enhancements Download Job Log Enhancements Fiery Colour Network printer Unit-F2 Resolution USB Dongle Virtual Printers Replace buttons with icons in the Action Buttons toolbar Add a submenu of user defined searches off the Edit: Find... menu item Automatically launch predefined application upon Server: Export</p>	<p>Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice. ™ And ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.</p>



Canon Inc.
www.canon.com

Canon Europa N.V.
www.canon-europe.com

© Canon Europa NV 2006

