

CPrint 1.0 : Linux Printer Driver for Canon ImagePROGRAF Printers



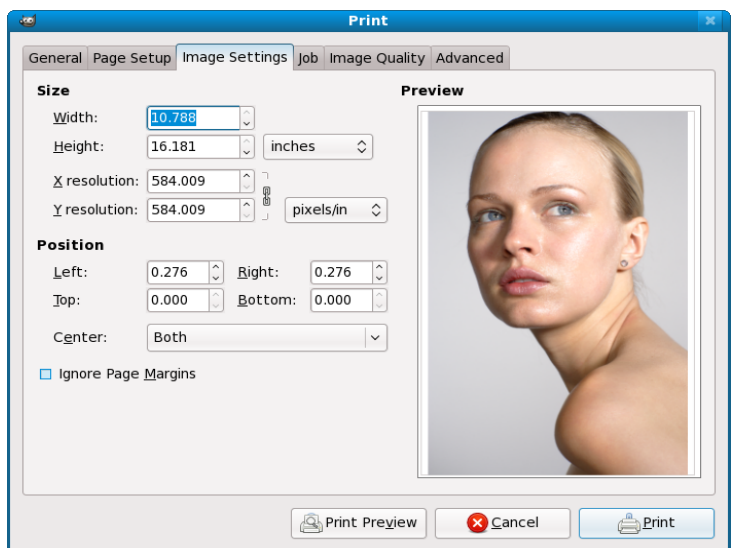
CPrint 1.0 for Canon facilitates the creation and configuration of printer queues on Linux workstations or servers, allowing access to all features of Canon Large Format Printer devices (ImagePROGRAF, iPF, iPFLP).

CPrint 1.0 is fully compatible with CUPS and relies on the foomatic package for the transformation to the proprietary GARO/CPCA language of Canon.

By means of a PPD file CPrint 1.0 for Canon allows for easy access to all the options of your colour or black-white printer directly from any Linux application.

CPrint 1.0 for Canon has the following characteristics:

- CPrint allows for the creation of CUPS compatible printer queues for GARO and CPCA V2.0 compatible Canon devices.
- Supports colour as well as monochrome Canon devices.
- All standard printer options are directly available from most main Linux applications.
- Also command line printer options are supported.
- Data conversion to the PDL of the Canon device is automatically taken care of by CPrint making use, if necessary, of the foomatic-rip package.



Example Specification of the layout

- Support for PDF printing on any Canon Device.
- CPrint 1.0 supports automatic data conversion to the appropriate device. PDF data are transformed internally by CPrint to GARO/CPCA V2, including the general support of all finishing and advanced options (mailbox and multiple copies printing).
- CPrint 1.0 for canon has always a "kernel" package or base package.
- For each Canon ImagePROGRAF printer model an individual package with configuration files (colorimetry, types of media supported, etc.) is available.
- Please note: Currently **CPrint for Linux** is available only in **English**.
- CPrint 1.0 for Canon is *free of charge*.
- CPrint 1.0 for Canon can be downloaded from the site of Canon Europe. You will find there the kernel or base package, as well as the packages for each ImagePROGRAF printer.

Compatibility

CPrint 1.0 for Canon is available for the following Linux distributions:

Linux Distributions	32 Bits Operating System	64 Bits Operating System
RedHat (and Fedora Core)	7.2 (FC2) and more recent	kernel 2.6-27 and more recent
Mandriva	9.0 and more recent	kernel 2.6-27 and more recent
Suse (NOVELL)	8.0 and more recent	kernel 2.6-27 and more recent
Debian	8.0 and more recent	kernel 2.6-27 and more recent
Ubuntu	1.0 and more recent	kernel 2.6-27 and more recent
CentOS	5.0 and more recent	5.0 and more recent
Knoppix	3.0 and more recent	kernel 2.6-27 and more recent
Linux (Intel) in general	kernel 2.4-7 and more recent	kernel 2.6-27 and more recent

Dependency

CPrint 1.0 for Canon depends on the following Linux packages:

- CUPS – UNIX printer manager, by default available on most Linux distributions. The version of CUPS should be 1.2 or more recent
- Foomatic-rip – a printer description language transformation package for Linux. The version of foomatic should be 2.0 or more recent.

Canon ImagePROGRAF Printer Models supported

The following Canon ImagePROGRAF printers are supported by *CPrint 1.0* :

<i>iPF510</i>	<i>iPF5000</i>	<i>iPF8000</i>
<i>iPF605</i>	<i>iPF5100</i>	<i>iPF8000S</i>
<i>iPF610</i>	<i>iPF6000S</i>	<i>iPF8100</i>
<i>iPF710</i>	<i>iPF6100</i>	<i>iPF9000</i>
<i>iPF720</i>	<i>iPF6200</i>	<i>iPF9000S</i>
<i>iPF810</i>	<i>iPFLP17</i>	<i>iPF9100</i>
<i>iPF820</i>	<i>iPFLP24</i>	

Assistance

CPrint 1.0 for Canon is supported by the hot-line of Canon.

Supplementary and more recent information are regularly available on the site of the SIC Forum:
<http://www.franet.com/sicforum>.

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