

# HIOKI

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## Instruction Manual

### Down96 Download Program for Model 3196 Power Quality Analyzer

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Version 00 2002-8

## 1. What is Down96?

Down96 is a PC application program that will enable users of Model 3196 Power Quality Analyzer to download data captured by the 3196 to a PC via LAN connections or the RS-232C (modem) interface. While the 3196 is in Analysis mode, all files stored on the unit's PC Card as well as internal memory may be downloaded. While the 3196 is being set up, files stored only within the PC Card may be downloaded. This program runs on Javascript, and the freeware "JRE" (Java Runtime Environment), which comes standard with Netscape Navigator 6 or later, is a prerequisite to executing Down96. In addition, your unit of 3196 must be installed with firmware Ver.1.21 or later in order to use Down96.

## 2. Operating Environment

Any PC that will allow the installation and operation of JRE. If you intend to download large files, PC's installed with high-speed processing capabilities are recommended.

## 3. Program Requirements

**JRE:** j2re-1\_3\_04- windows-i586-i.exe

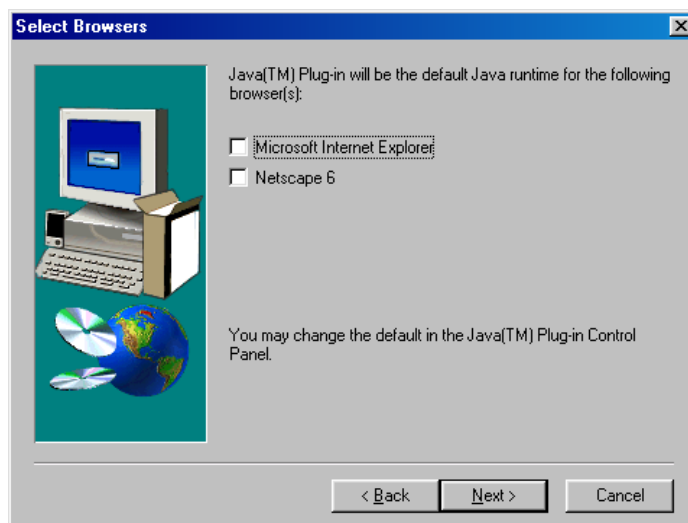
[Java(TM) 2 runtime environment Standard Edition, v 1. 3. 1\_4]

**Main Application:** Down96.jar (Ver1.00)

## 4. Installation Procedures

- (1.) Copy the above two programs onto your PC's hard drive.
- (2.) Install JRE (j2re-1\_3\_04- windows-i586-i.exe)

Upon installation, you will be asked to select the default browser with which to run the Java program. In order to prevent reconfiguring the existing settings on your PC, we recommend that you not check any boxes.



## 5. How to use Down96.

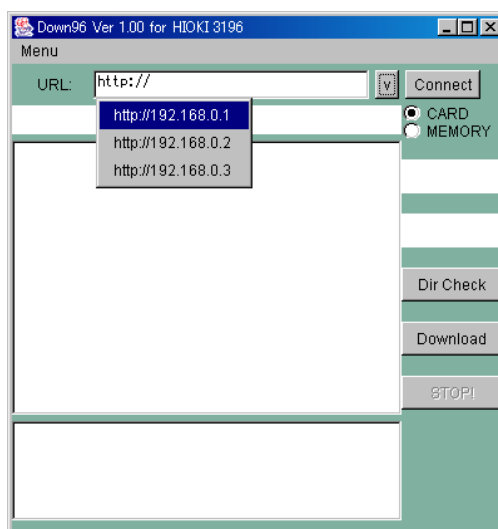
Note:

- ♦ For instructions on how to make LAN or modem connections, please refer to the instruction manual for Model 3196, Chapter 11: Using the PC.
- ♦ To download data from the 3196's internal memory, the 3196 must be in analysis mode. To download data from the 3196's PC Card, the 3196 must either be in SETUP or Analysis mode. Download is not possible when the 3196 is in RECORD mode.

(1.) Execute Down96.jar by double-clicking on the file. The Down96 screen will be displayed.

(2.) In the URL field, enter the IP address of the 3196: <http://192.168.0.2>

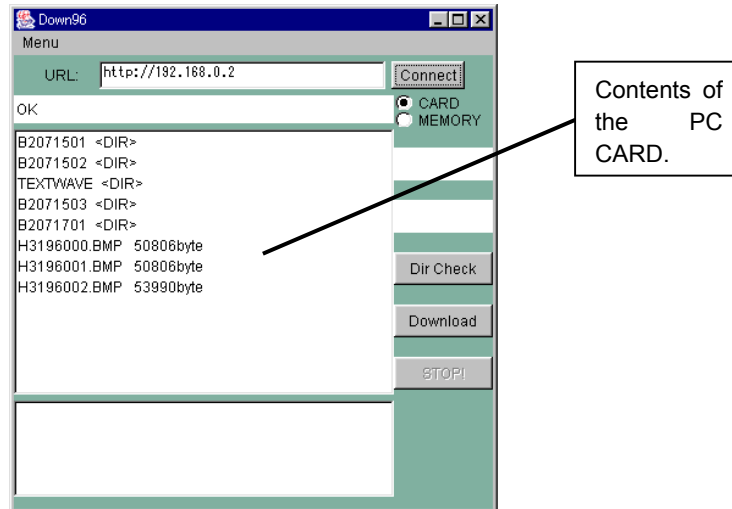
Click "V" and the URLs which were successfully accessed previously will be displayed. You may also select the IP address using this method. (For the list of URL's stored In memory, refer to "menu.dat".)



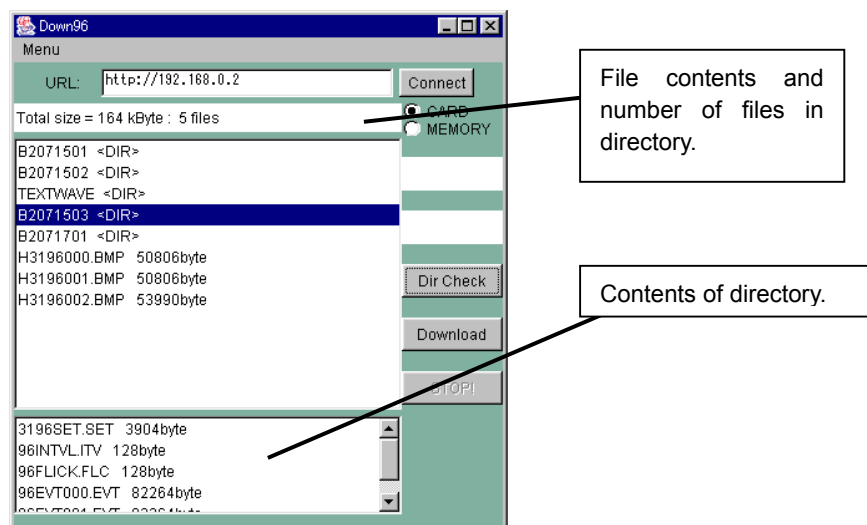
(3.) Select CARD to download the files stored in the PC Card, or MEMORY to download files stored in the 3196's internal memory.



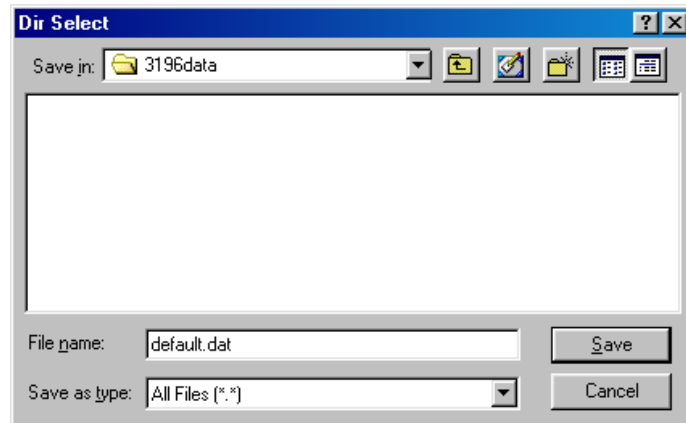
- (4.) Click “Connect” to connect to the 3196. If MEMORY was selected, files/directories stored in internal memory will be displayed, and if CARD was selected, files/directories stored in the PC Card will be displayed in the main window.



- (5.) Select the desired directory, and click “Dir Check” to display its file size and the number of files within the directory. Contents of a selected directory will also be displayed in the lower window.



- (6.) Select the desired file or directory, and click “Download” to copy the data onto your PC. Select or enter the appropriate PC directory to save the file. The file name will be automatically entered as “default.dat” and cannot be changed in this dialog box.



- (7.) Click “Save” to start downloading. Files within a directory will be downloaded to the designated PC location in order. When “END” is displayed in the lower window, download has been completed.

