PVDATA SENDER/DATARECORDER MANUAL

1.INTRODUCTION

This manual is intended to register the dictionary data for the add-in dictionary software.
The following tools are used to register it.

Windows Applications
PVDATA SENDER (**PVSENDER.exe**)

PV Application for Add-in
DATA RECORDER (**datarec.bin**)

1.1PVDATA SENDER

PVDATA SENDER sends the dictionary data from a personal computer (to be referred to as the PC hereinafter) to a pocket viewer (to be referred to as the PV hereinafter). (**See 4. OPERATION (PVDATA SENDER)**)

1.2DATA RECORDER

DATA RECORDER receives and registers the dictionary data sent by PVDATA SENDER in the PV.
(**See 5. OPERATION (DATA RECORDER)**)

2.EXECUTION ENVIRONMENT

It is recommended to run PVDATA SENDER in the following environment.

OS	Windows 95/98, and Windows NT 4.0SP3 or later
CPU	Pentium 200MHz or more
Memory	64 MB or more
HDD	Free capacity 10 MB or more

DATA RECORDER works with the PV where add-in registration is enabled.

3.HOW TO

This section describes how to register the dictionary data.

3.1 Up to Registration of Dictionary Data

<1> Preparing the Dictionary Data for the Add-in Dictionary

<2> Using PV APPLICATION MANAGER (PVM.exe), register the exclusive add-in software, DATA RECORDER (datarec.bin), in the PV.

<3> Using PVDATA SENDER (PVSENDER.exe) (PC tool) and DATA RECORDER (PV tool), send the dictionary data from the PC to the PV for registration.

3.2 Precautions for register

The following lists the precautions for registering the add-in dictionary data.

(1) The dictionary data cannot be sent in the following cases:
  (a) When the free memory capacity is less than the dictionary data.
  (b) When the total number of add-in registered data is **15**.

(2) Prior to sending the dictionary data, execute the PV hard icons-[**MenuBar**]-[**System**]-[**Memory management**] in that order. (In order to secure the free memory capacity)

(3) If you register the same dictionary data name as the one registered in the PV, it will be overwritten.

(4) If communication is interrupted halfway, the dictionary data being registered will be deleted.

(5) Prior to communication, close all other applications being started.

3.3 Details of Procedures

<1> Preparing the Dictionary Data for the Add-in Dictionary
Prepare the exclusive dictionary data (extension: .DIC) for the add-in dictionary software.

<2> Using PV APPLICATION MANAGER, register the exclusive add-in software, DATA RECORDER, in the PV.
Using the following steps, register in the PV the exclusive add-in tool, DATA RECORDER, designed to register the dictionary data.

Step 1 Set the PV in the cradle and connect the cradle's cable to the PC's communication port.

Step 2 Execute PV APPLICATION MANAGER (**PVM.exe**).
(For the details, see the manual for PV APPLICATION MANAGER.)

Step 3 In the PV menu screen, touch the [**MenuBar**] hard icon.
A menu bar appears at the top of the screen.
Touch [**Option**]-[**Download**].
Now, the PV will wait for communication.

Step 4 Select [**File**]-[**Add file**] in the PV APPLICATION MANAGER menu,
and then, select **datarec.bin.**

Step 5 Select [**SET**] in the PV APPLICATION dialog.

Step 6 DATA RECORDER is registered into the PV.

<3> Using PVDATA SENDER (PC tool) and DATA RECORDER (PV tool), send the dictionary data from the PC to PV for registration.
Follow the procedure below to send the dictionary data from the PC to PV.

Step 1 Set the PV in the cradle and connect the cradle's cable to the PC's communication port.

Step 2 Execute PVDATA SENDER (**PVSENDER.exe**) on the PC side, select [**FILE**]-[**OPEN**], and then select the dictionary data.

Step 3 Touch and start DATA RECORDER on the PV side.
The PV will wait for reception.

Step 4 Select [**MAKE**] under PVDATA SENDER.
The dictionary data is sent from the PC and registered in the PV.

4.OPERATION (PVDATA SENDER)

This section describes the functions of menu commands and the roles of display items for PVDATA SENDER.
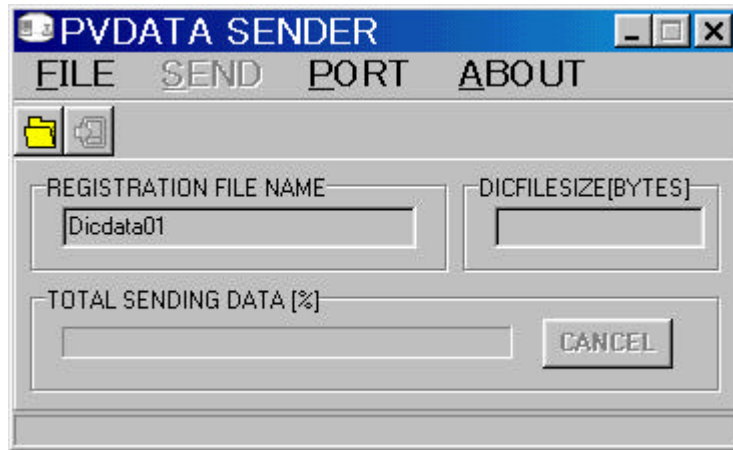(**PVSENDER.exe**)

Fig. 1 PVDATA SENDER Proper

4.1 Precautions for Operation

When operating PVDATA SENDER, observe the following:

(1) If transmission is cancelled during communication, all the data transmitted so far will be deleted.
Redo from the beginning.

(2) PVSCFG.INI must put in the same directory as the execution file.

4.2 Menu Commands

<1> [OPEN (DICFILE)] [In FILE]

Opens the dictionary data (extension:.DIC).

<2> [SAVE (INIFILE)][In FILE]

Saves the file name. (When the file name is fixation, it is not possible to save.)

<3> [EXIT] [In FILE]

Exits PVDATA SENDER.

<4> [SEND]

Sends the dictionary data to the PV.

<5> [PORT]

Capable of setting communication ports.(**COM1-COM5)**

<6> [ABOUT]

Displays "ABOUT PVDATA SENDER."

4.3 Description of Items

<1> DIC FILE SIZE
Displays the dictionary data size (in bytes).

<2> REGISTRATION FILE NAME
Display a file name to be registered in the PV.

<3> TOTAL SENDING DATA
Displays the already sent data (in percentage).

<4> CANCEL
Capable of canceling transmission.

5. OPERATION (DATA RECORDER)

DATA RECORDER is to receive and register the dictionary data sent from PVDATA SENDER (**datarec.bin**).

The settings required for registration, such as dictionary data name and maximum size of one record, are not to be directly set at DATA RECORDER, but received from PVDATA SENDER.

Therefore, it has no particular basic operation.
Only operation allowed for DATA RECORDER is to cancel an application at the ESC hard icon.

Processing is cancelled by pressing the ESC hard icon while executing DATA RECORDER.
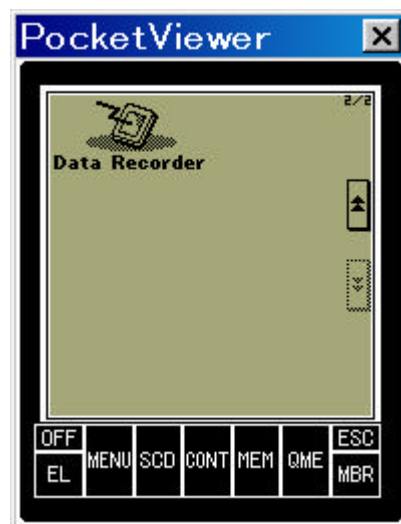**If cancelled (termination by error included), all the data in process will be deleted.**

FIG2 DATA RECORDER Icon (Screen for Simulator)