

This document outlines the requirements for using the **VeriFire™ 1020** and **UPDL1020** software application.

General Information

The **VeriFire™ 1020** off-line program allows users to enter and edit the partial system, full point, and partial point programming options of a local AM2020/AFP1010 fire alarm control panel. Users may upload and download programming information using the **UPDL1020** program which may be accessed directly from the **VeriFire™** application or outside of **VeriFire™** by double clicking on the UPDL executable file (**UPDL.EXE**) or the UPDL program icon. **VeriFire™ 1020** includes features for checking the programming data, comparing programming data of panels, and generating programming reports. In addition, the NCS can be used to upload/download databases created with **VeriFire™**.

WARNING!

During the **DOWNLOAD OPERATION**, the AM2020/AFP1010 panel will **NOT** perform fire protection and life safety functions. When the download is finished, power down the panel and **RESTART** the entire system. After completing an upload operation, **MAINTAIN A BACKUP** of the retrieved data.

CAUTION!

*The user-supplied system must meet the minimum system requirements. The user must follow the detailed installation instructions set forth in this document. Notifier **cannot** be held responsible or liable and **will not** provide technical services of any kind for any aspect of the user-supplied system operation or software. This kit and any PC in which it is installed does **not** have Underwriters Laboratories (UL) listing.*

Minimum System Requirements

- IBM Compatible (486 or higher) with CD-ROM drive.
- 8 MB RAM.
- 5 MB free disk space.
- 1 serial (COM) port.
- Microsoft® Windows® 95 (Release B), 98 SE, ME, NT 4.0 with SP 5, or Windows® 2000.
- Mouse and keyboard.
- EIA-232 to EIA-485 converter (VeriFire-HK or IC232-485 hardware kit).
- AM2020/AFP1010 software release M2.7 or higher "M" series release.
- SIB-2048A or SIB-NET (not for use with SIB-2048 or SIB-232).

Recommended Options

- File backup system.
- Modem.

Hardware Installation

Before an upload or download can be performed on a local panel, the hardware setup must be completed. An EIA-232 to EIA-485 converter is needed to interface the personal computer with the AM2020/AFP1010 panel. If using the older version IC232-485 hardware kit, follow the installation instructions below. If you do not have an IC232-485 hardware kit, order the VeriFire-HK hardware kit for this application.

When using the IC232-485 hardware kit, make sure you have the following components:

- SIB cable (user supplied).
- EIA serial port cable.
- 9 VDC and 9 VAC wall mount power supplies.

To complete the hardware installation for the IC232-485, follow the steps outlined below.

Step 1: Remove the ACS connector (P5) from the SIB-2048A or SIB-NET serial interface board on the AM2020/AFP1010. While the P5 is disconnected, all programmed annunciators will indicate trouble. Ignore these troubles.

Step 2: Enable the ACS port upload/download under Partial System Programming, Option 8 (ISIB), Option 3 (XINT) on the AM2020/AFP1010 panel.

Step 3: Remove existing wires from P5. Connect cables to the serial interface board and power supplies as shown in **Figure 1**. Pay close attention to the polarity on the DC supply lines.

Step 4: Connect one end of the serial cable to the serial port on the computer.

Step 5: Connect the other end of the serial cable to the EIA-485 converter.

Step 6: Plug the two power supplies into 120 VAC, 50/60 Hz wall sockets.

(Continued on next page.)

Note: When connecting wires, follow the table to the right.

Shown on 232 to 485 Converter	SIB P5 Terminal Block
1	4
2	3
3	6
4	5
5 (-)	1

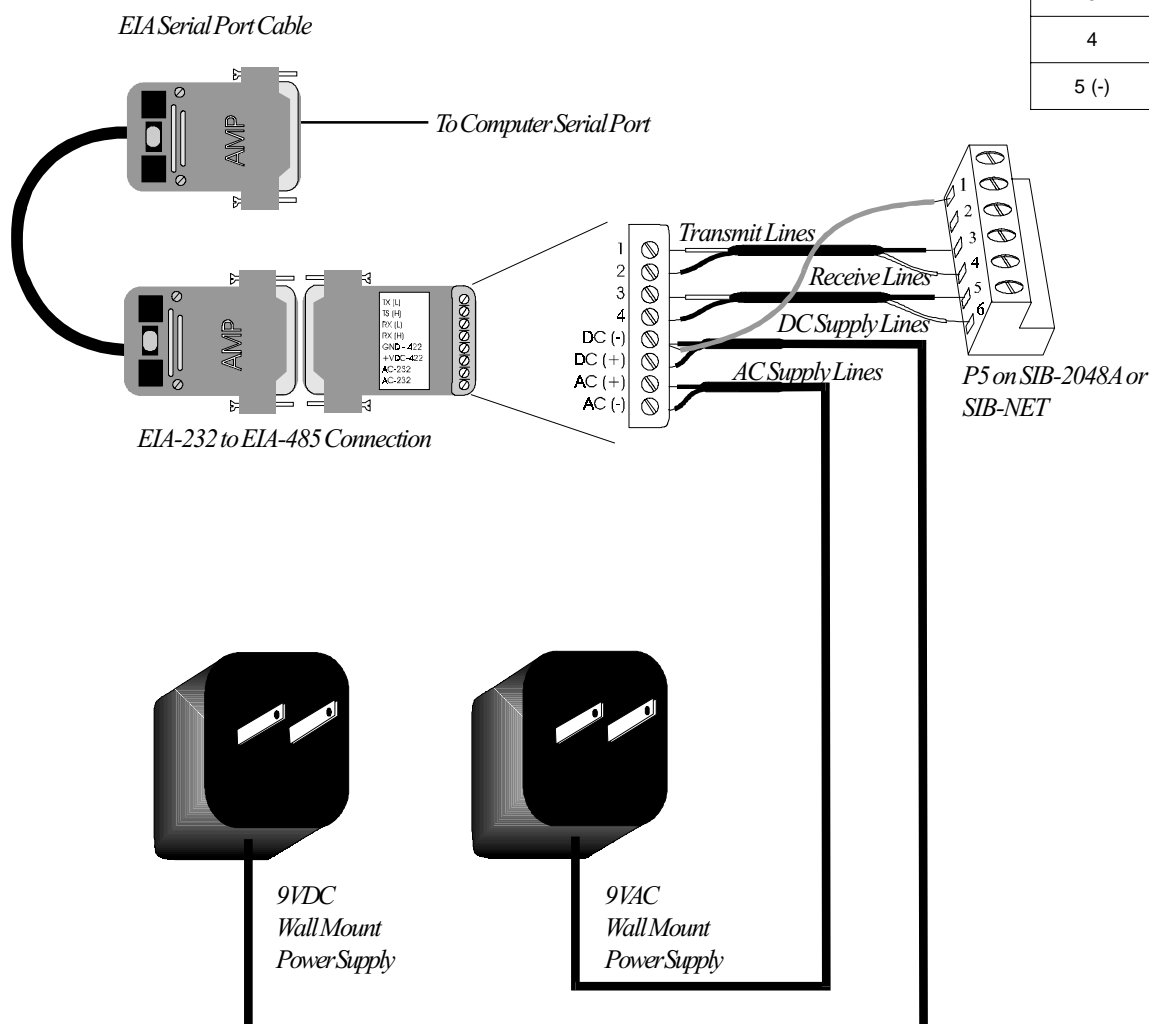


Figure 1 IC232-485 Connections

Step 7: After completing an upload/download, disconnect wall mount power supplies.

Step 8: Disconnect serial cable from PC.

Step 9: Remove the temporary wiring from P5. Reconnect annunciator wiring to ACS port P5 on the SIB and disable the ACS port upload/download under Partial System Programming on the AM2020/AFP1010 panel.

Software Installation

To complete the software installation for the **Verifire™1020** follow the steps outlined below.

Step 1: Insert the **Verifire™1020** CD into the CD-ROM drive of the PC.

Step 2: For Windows® 95 (Release B)/98/NT/2000, click the **START** button and select **RUN**. Press the **BROWSE** button, and select the drive containing the CD-ROM. Double-click on **VeriFire1020.exe** to start the install process.

Note: This step only has to be completed on PCs that do not support, or do not have, the Autorun feature enabled.

Step 3: The next screen displayed will be the **Verifire™1020** screen containing Setup instructions. Press **NEXT** on this screen.

Step 4: Enter your name and the company name. Press **NEXT** after the information has been entered.

Step 5: This screen contains the directory in which the program will be installed. Press **NEXT** to accept the directory suggested, or press the **BROWSE** button to select a different directory.

Step 6: The "Type of Setup" screen will determine which components will be installed. The choices provided are "Typical", "Compact", and "Custom". The typical installation will install both **Verifire™1020** and UPDL-1020. The compact installation is not enabled at this time. The Custom installation provides for either the installation of **Verifire™1020** or UPDL-1020. Press the **NEXT** button after selecting the type of installation.

Note: If the software is installed on a PC containing the NCS platform (Network Control Station), UPDL-1020 will not be installed.

Step 7: The Program Folder screen will set up the icons in the program folder provided. Press the **NEXT** button to complete the selection.

Step 8: The Start Copying Files folder allows for a review of all previous selections made. Press the **NEXT** button to complete the installation.

Step 9: After all the files have been copied from the CD, and the file registration process has been completed, a dialog box will appear indicating that the computer will be rebooted. This is necessary for the software to operate correctly. Press **O.K.** to continue.

After the computer reboots, **Verifire™1020** is ready to use.

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