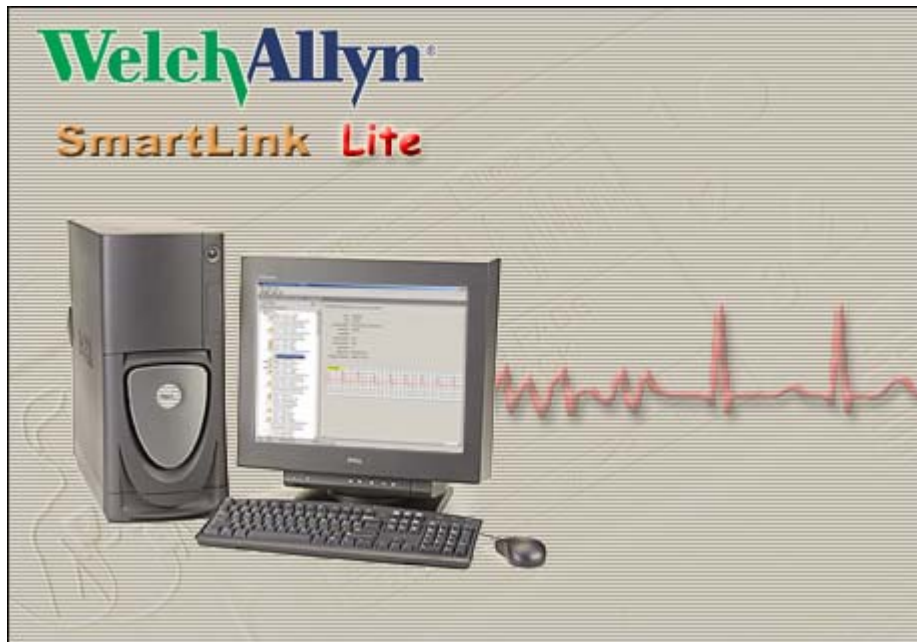


Welch Allyn SmartLink Lite



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System Requirements

Minimum Requirements

- Microsoft Windows 98 SE, Me, NT 4.0 SP6, 2000, or XP
- Intel Pentium II 200 MHz processor
- CD-ROM drive
- 64 MB RAM
- 20 MB free Hard Disk space (more required for downloaded log data files)
- SVGA-capable monitor and video card running in 1024x768 resolution, 256 color mode
- Two-button mouse, or compatible pointing device
- Available RS-232 serial port (required for downloading log data)
- Welch Allyn IR Communication Kit (required for downloading AED 10 log data)
- Welch Allyn Serial Communication Kit (required for downloading AED 20 log data)
- MAPI-compliant e-mail software, such as Microsoft Outlook or Microsoft Outlook Express

Recommended Configuration

- Microsoft Windows 2000 or XP
- Intel Pentium III 600 MHz processor or better
- CD-ROM drive
- 128 MB RAM
- 100 MB free Hard Disk space
- SVGA-capable monitor and video card running in 1024x768 resolution, 64K color mode
- Two-button mouse, or compatible pointing device
- Available RS-232 serial port
- Welch Allyn IR and Serial Communication Kits

If you need to order a Welch Allyn Communication Kit, please contact your Welch Allyn sales representative or Welch Allyn customer service for assistance. The Welch Allyn IR Communication Kit for the Welch Allyn AED 10 is part #002143, and the Welch Allyn Serial Communication Kit for the Welch Allyn AED 20 is part #002120.

Overview

Welch Allyn SmartLink Lite, which is provided free with the Welch Allyn IR and Serial Communications Kits, provides only a subset of the functionality available in the full retail version of SmartLink Event Pro. Using SmartLink Lite, the internal memory of a Welch Allyn AED 10 or AED 20 AED can be downloaded and printed in the *Event Log ECG Report* format only. No other features, such as on-screen review, saving and e-mailing of log data, or patient data collection, are provided.

If you own Welch Allyn SmartLink Lite and wish to upgrade to the full retail version of SmartLink Event Pro, contact your Welch Allyn sales representative or Welch Allyn customer support for more information.

Configuring Station Information

After installing the SmartLink software you need to configure your station information. Once you enter your station information, you will not be required to do so again.

Getting Started

When SmartLink Lite is started, the SmartLink icon will be placed in the system tray (located next to the system clock). If SmartLink Lite is unable to locate a serial port, or if the serial port is unavailable for use, the SmartLink tray icon will be displayed with a red slash through it, indicating that SmartLink Lite is not yet fully configured. To manually configure your serial port settings, right click your mouse on the SmartLink Lite tray icon, and select the *Configure Transmission Settings...* menu item.

Menu Items

SmartLink consists of four main menu options. Right click the SmartLink Lite icon to display the menu items.

<i>Select Language...</i>	Used to change the current language
<i>Configure Transmission Settings...</i>	Used to configure serial port settings
<i>About...</i>	Displays the SmartLink Lite splash screen and Version information
<i>Exit...</i>	Exits SmartLink Lite

Using your Smartlink Lite Software

Once SmartLink Lite is ready for use, begin a log transmission from your Welch Allyn AED 10 or AED 20. While log data is being downloaded, the SmartLink tray icon will flash. Once the entire log has been downloaded from your Welch Allyn AED 10 or AED 20, a list of each incident within the log will be displayed, along with its date and time. Select one or more incidents from the list and click *Print Selected Incidents* to print an Event Log ECG report for each selected incident.

Multi-Language Feature

During install of SmartLink Lite you may select one of several available languages. When you start SmartLink Lite for the first time after install, the application will start up in the language selected during installation. Immediately on start up, a language selection dialog box will let you switch to another language. All text will then be displayed in your newly selected language. At any point when the application is running, you may switch language by clicking the *Select Language* menu item. SmartLink will remember the language last set in the previous run of the application and will start up in that language.

All language versions of the SmartLink Lite manual are located in the directory in which you installed SmartLink Lite.

All Start menu items display text in the language selected during install. The start menu item for SmartLink Lite Manual, will display the manual in the language selected during install.

All date and time formats displayed and printed by SmartLink Lite are based on the date and time format settings on your computer's Regional settings. To change the date and time formats simply change your computer's date and time format settings using Control Panel's Regional settings.

AED10 Infrared Communication Kit

Included in this kit:

TSC Electronics Infrared Adapter – part number: 900427

Hardware Installation: See figure 1

Connect the nine-pin serial connector to the serial port on your computer.

**NOTE: The IR PC adapter works with SmartLink software – part numbers 001962 and 001969. See below for software installation instructions.

Software Installation

To install SmartLink, insert the SmartLink CD into your CD-ROM drive. In most cases, the software installation should start automatically. If the installation process does not automatically start, run the setup.exe program which can be found on the SmartLink CD. During the installation process, a number of dialogs will be presented, asking for information such as installation location, destination program group, etc. Unless you have a specific reason to do so, most of the default settings do not need to be changed.

When the installation process is complete, SmartLink can be launched by either checking the "Launch the program" checkbox from within the installer or by clicking the SmartLink icon from within the Welch Allyn SmartLink Direct program folder. A PDF version of the SmartLink manual can also be found in the SmartLink program folder.

If you encounter any difficulties during the installation process, contact your system administrator for assistance. SmartLink Direct requires Windows 98SE or better to operate correctly.

How to use your IrDA PC Adapter: See figure 2

With the SmartLink program open, position the infrared adapter so that it is 3 – 12" away from the AED10 and facing the infrared data port.

1. Turn on the AED10 and enter the log→setup menu.
2. Select "SmartLink" and press enter.

NOTE: Once SmartLink is selected it will become the default setting, and steps 2 & 3 can be skipped.

3. From the log menu, select "Send to PC" and press enter.
4. "Send to PC" will flash on the AED10 and SmartLink will indicate a transmission status as data from the log is being transmitted to the PC.

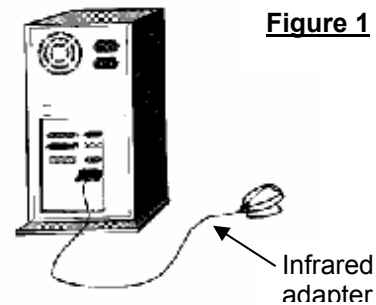


Figure 1

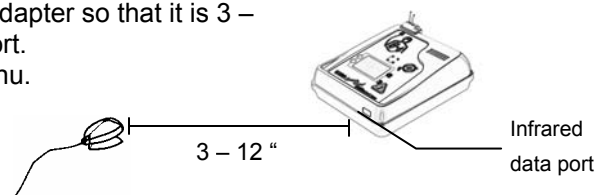


Figure 2

Technical Support Contact Information:

For assistance, please consult your AED10 User's Manual or your SmartLink User's Manual. If you have any additional questions please contact Welch Allyn at:

Welch Allyn, Inc.
1000 Asbury Dr.
Buffalo Grove, IL 60089
USA
(847) 520-0300
www.welchallyn.com


Welch Allyn AED20 PC Data Transfer/Serial Communication Kit

002120


Part Numbers in this kit:

520468	PC Data Transfer Adapter (Figure 1)
520469	Serial Printer Transfer Adapter (Figure 2)
551778	AED Serial Communication Cable (Figure 3)

Printing to a PC:

1. Connect the Serial Communication Cable (551778) into the Welch Allyn AED20 serial data port (see figure 4) and to the PC Data Transfer Adapter (520468). Connect the PC Data Transfer Adapter to the 9-pin serial port on your PC.
2. Start a Terminal or Serial Communications program on your PC. Set the port settings to 9600 baud, N, 8,1.
3. Turn the Welch Allyn AED20 on, select **Text** mode and **9600** baud from the Log>Setup menu. Press **Print**. The log icon will be replaced by a printer icon . A flashing printer icon indicates an error. If printer icon flashes, verify that the cable and adapter are connected correctly.

Printing to a serial printer:

1. Connect the Serial Communication Cable (551778) into the Welch Allyn AED20 serial data port (see figure 1) and to the Serial Printer Transfer Adapter (520469). Connect the Serial Printer Transfer Adapter to the serial printer.
2. Turn the Welch Allyn AED20 on, select the desired mode from the Log>Setup menu. Select **Text** mode and **9600** baud to print the log. Press **Print**. The log icon will be replaced by a printer icon . A flashing printer icon indicates a printer error. If printer icon flashes, verify that printer is on-line and that there is paper in the tray.

Downloading to SmartLink:

To install SmartLink, insert the SmartLink CD into your CD-ROM drive. In most cases, the software installation should start automatically. If the installation process does not automatically start, run the setup.exe program which can be found on the SmartLink CD. During the installation process, a number of dialogs will be presented, asking for information such as installation location, destination program group, etc. Unless you have a specific reason to do so, most of the default settings do not need to be changed.

When the installation process is complete, SmartLink can be launched by either checking the "Launch the program" checkbox from within the installer or by clicking the SmartLink icon from within the Welch Allyn SmartLink Direct program folder. A PDF version of the SmartLink manual can also be found in the SmartLink program folder. The log of the AED20 should be set to RS232 and the baud rate should be set to the same value as SmartLink. Connect one end of the Serial Communication Cable (551778) to the AED20 and the other to the PC Adapter (520468). Then connect the PC adapter to the PC. The data can then be downloaded by selecting **Menu, Log**, and then **Send** on the AED20.

If you encounter any difficulties during the installation process, contact your system administrator for assistance. SmartLink Direct requires Windows 98SE or better to operate correctly.

Figure 1:

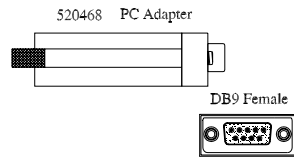


Figure 2:

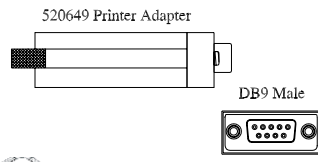


Figure 3:

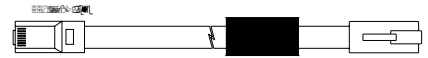
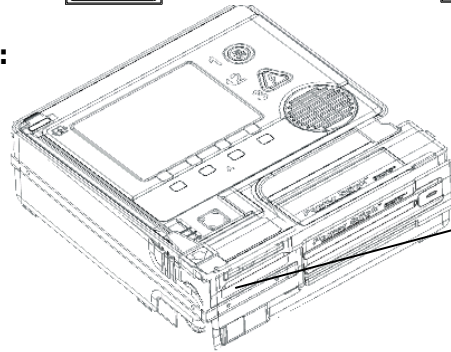


Figure 4:



Connect cable end with bead to the serial data port.