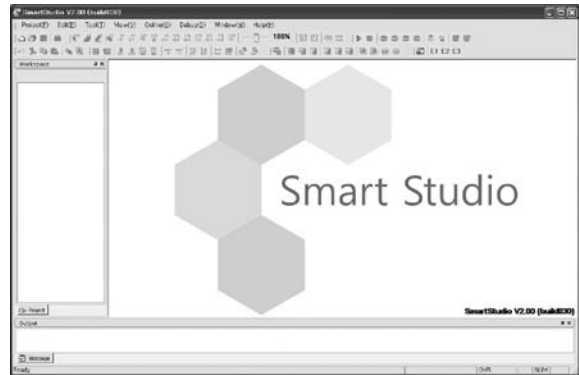


Smart Studio(Logic program)

■ Smart Studio Overview

SmartStudio is the exclusive software to write program and debug for logic panel LP Series. Features and advantages of SmartStudio are as below.

※Visit our website (www.autonics.com) to download the user manual and software.



<Smart Studio screen>

■ Features

- **Supports multi project**
: You can open up to 5 projects at the same time and write or edit programs.
- **Convenient program edit**
 - 1) Enables to edit by cell unit
 - 2) Enables to edit with multi window
 - 3) You can edit ladder program and mnemonic program at the same time.
- **Severall monitor function**
: Supports several monitor function such as monitoring variable, device, system, or time chart, etc.
- **Supports various viewing function**
: Supports several view functions such as viewing device name, variable name, or device name & comment, etc to edit program easily
- **Convenient user interface**
: Easy adaptation for SmartStudio by same basic function of Microsoft window.
- **Various message window**
: Supports various message window for edit or check program easily.
- **Real time switching ladder and mnemonic program**
: Switching ladder or mnemonic program in real time and it is available to write or edit at two editors simultaneously.
- **Screen layout**
: menu, toolbar, workspace, edit window, message window, status bar
- **Program optimization function**
: Connects the disconnected ladder line and clears NOP instructions
- **Program checking and options**
: Check program error for dual coil, program error, program capacity
- **Password setting**
: You can set the password for LP by communication
- **LP firmware upgrade**
- **Supports program instructions, and help**

(A)
Photo
electric
sensor

(B)
Fiber
optic
sensor

(C)
Door/Area
sensor

(D)
Proximity
sensor

(E)
Pressure
sensor

(F)
Rotary
encoder

(G)
Connector/
Socket

(H)
Temp.
controller

(I)
SSR/
Power
controller

(J)
Counter

(K)
Timer

(L)
Panel
meter

(M)
Tacho/
Speed/ Pulse
meter

(N)
Display
unit

(O)
Sensor
controller

(P)
Switching
mode power
supply

(Q)
Stepper
motor&
Driver&Controller

(R)
Graphic/
Logic
panel

(S)
Field
network
device

(T)
Software

(U)
Other

■ Installing the program

◎ System requirements

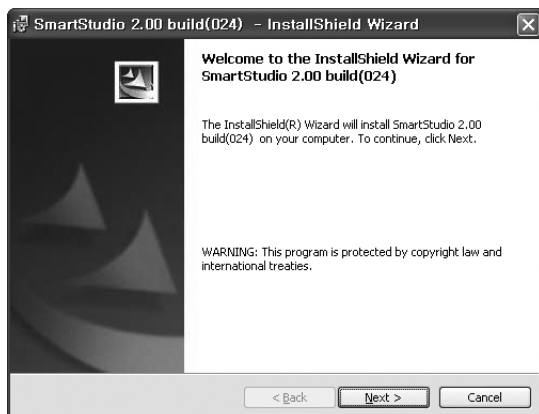
< Computer specification for using software>

Item	Minimum requirements
System	IBM PC compatible computer with Pentium Dual Core or above
Operating system	Microsoft Windows 98/NT/XP
Memory	1G or more
Hard disk	More than 5GB of free hard disk space
VGA	1028×1024 or higher resolution display
Others	- GP/LP-S044, S057: RS232C port - GP/LP-S070: RS232C port, USB port, ETHERNET port

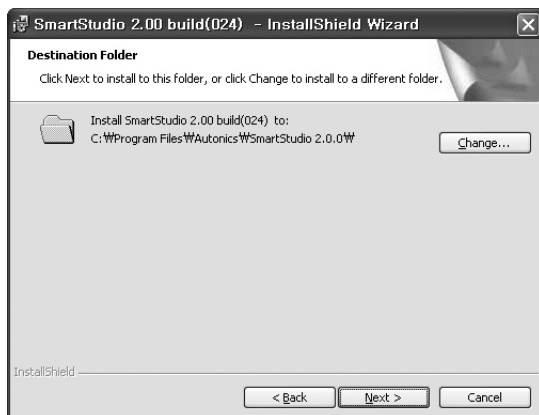
◎ Installation of SmartStudio

For installing SmartStudio, visit our homepage(www.autonics.com) and download SmartStudio program. Double-click installation setup file, and installation is start as a following figure.

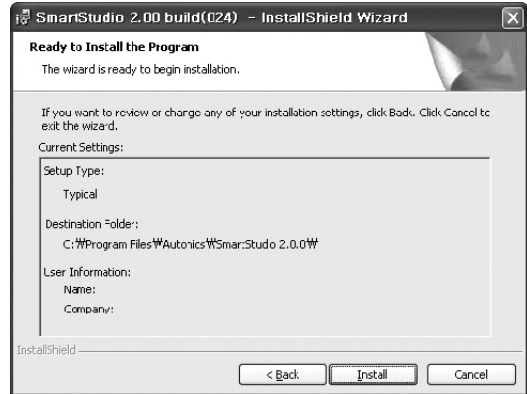
- 1) Click 'Next' to continue installation, or 'Cancle' to discontinue installation.



- 2) Designate installation location, and click 'Next'. To change the installation location, click 'Change' and select the desired folder and click 'OK'.



- 3) Check current settings for installation such as setup type, destination folder, and user information. To change the settings, click 'Back'. To start installation, click 'Install'.



- 4) Installation starts and you can check installation progress at the same time. After completing installation, click 'Finish' and SmartStudio runs.

