

■ Driver Installation (SCM-US48I, SCM-US)

◎ USB Driver Installation

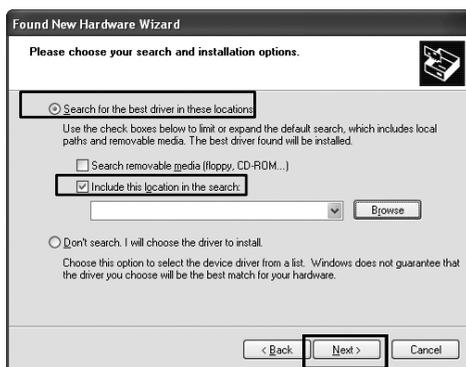
- 1) Visit our website (www.autonics.com) to download USB Driver.
- 2) Unzip the downloaded 'SCM-US48I.zip', or 'SCM-US.zip' at any directory.

- 3) When connecting product with USB port, 'Found New Hardware Wizard' will appear automatically. 'Do you want to search software by connecting 'Window Update'?. Click 'No' button and the following window will be displayed to proceed Driver installation. Select 'Install from a list or specific location' (Advanced) (S) and click 'Next'.



- 4) Select 'Search for best driver in these locations' and 'include this location in the search' continuously. Click the 'Browse' button.

- 5) When 'Browse Folder' window is displayed, select 'SCM-US\Driver' for SCM-US48I, SCM-US, and click 'Finish'. Click 'Next' to proceed with the USB Driver installation.



- 6) Hardware installation message will appear while Found New Hardware Wizard is running. Click 'Continue Anyway' to proceed with installation.

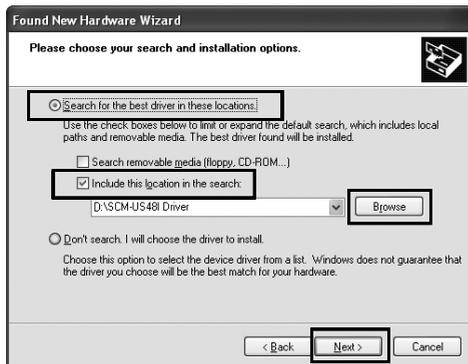


- 7) The following window will be displayed if the USB Driver is installed properly. Click the 'Finish' button.



◎ Serial Port Driver Installation

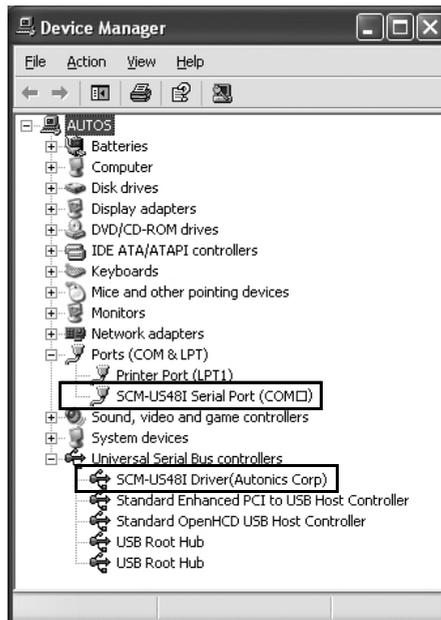
- 1) After installing USB Driver, Serial Port (COM port), 'Found New Hardware Wizard' will appear (Serial Port Driver installation follows the same procedures described in installing USB Driver).
- 2) After selecting 'Install from a list or specific location (advance)', click 'Next' button. The following window will be displayed for 'Search and installation options'
- 3) Because a driver location was selected when installing USB driver, click 'Next' button.



- 4) Hardware installation message will appear while Found New Hardware Wizard is running. Click 'Continue Anyway' to proceed with installation.
- 5) 'Completing the Found New Hardware wizard' will be displayed if the Serial Port Driver is installed properly. Click the 'Finish' button.



- ※Verify that drivers were installed properly with the windows Device Manager after finishing USB Driver and Serial Port Driver installation. Open the folder [My computer], open the system folder (click right), click the hardware tab, and click the Device Manager Button. Then, make sure that 'SCM-US48I Driver (Autonics Corp)' or 'SCM-US Driver (Autonics Corp)' is found in 'Common Serial Bus Controller' category and 'Port (COM and LPT)' is found in 'SCM-US48I Serial Port (COM □)' or 'SCM-US Serial Port (COM □)'.



- ※This Driver Installation is described based on the procedure for Windows XP. There might be some differences in the specification above depending on OS.

(A)	Photoelectric Sensors
(B)	Fiber Optic Sensors
(C)	Door/Area Sensors
(D)	Proximity Sensors
(E)	Pressure Sensors
(F)	Rotary Encoders
(G)	Connectors/ Sockets
(H)	Temperature Controllers
(I)	SSRs / Power Controllers
(J)	Counters
(K)	Timers
(L)	Panel Meters
(M)	Tacho / Speed / Pulse Meters
(N)	Display Units
(O)	Sensor Controllers
(P)	Switching Mode Power Supplies
(Q)	Stepper Motors & Drivers & Controllers
(R)	Graphic/ Logic Panels
(S)	Field Network Devices
(T)	Software

■ Proper Usage

- In case of connecting PC with SCM-US48I or SCM-US, when changing PC USB port and connecting this unit to another (changed) USB port, USB driver will be reinstalled. This is not a malfunction.
- When connecting SCM-US or SCM-US48I communication module, please connect PC first. Then, connect RS485 communication product afterward. When disconnecting the units, remove the unit in reverse order.
- Using the Twisted pair cable (AWG24), which is suitable to RS485 communication is recommended. If the Twisted pair cable is not used, be sure preserving identically the length of A (+) and B (-) cables.
- After connecting SCM-38I, SCM-US48I with RS485 communication DEVICE, be sure to attach the terminating resistor (100 to 120Ω).
- In case of connect PC with SCM-US48I, or SCM-US, No. of COM Port will be numbered in order.
This is not a malfunction. (e.g. COM 14, COM 15, ..., COM 256)
- When connecting SCM-US48I or SCM-US with USB cable, check COM port number before communication. It may take some time for computer to detect the cable after the cable is connected. (This is not a malfunction.)
- When connecting PC with SCM-US48I or SCM-US, do not use the extension cable to extend USB cable length. It may cause a malfunctions.
- Be cautious when using SCM-US as non-isolated type.
- Only use Autonics products that are available for SCM-US.
- Observe the rated voltage.
- To avoid malfunctions due to noise, do not place the unit close to a high-voltage power line.
- Proper application environment
(Avoid following environments for unit to be used.)
 - Where severe vibration or shock exists
 - Where close to a strong alkali or strong acid
 - Where direct rays of light exist
 - Where near facilities generating strong magnetic forces or electric noise.
- Storage
Keep the unit -20 to 60°C, 35 to 85%RH with avoiding direct rays of light. It is recommended to keep the unit package as it is.
- This unit may be used in the following environments.
 - Indoor
 - Altitude: Under 2,000m
 - Pollution degree 2
 - Installation category II