

Operation Manual

PRODUCT NAME

IP Address Setting Tool (Interactive Type)

MODEL / Series / Product Number

EX9-ZSW-IPC1

SMC Corporation

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- 5. This software cannot be used other than with the firmware which SMC provides.

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2. Product Outline

To connect an EtherNet/IP™ product to the EtherNet/IP™ network (hereafter referred to as "the network"), it is necessary to set the IP address. The IP Address Setting Tool is a tool for setting the IP address during DHCP mode and Remote control mode.

Operating systems for IP Address Setting Tool are as follows.

Windows®XP (32/64bit)

Windows®7 (32/64bit)

Windows®8 (32/64bit)

Windows®10 (32/64bit)

- *1) Install Microsoft .NET Framework 4 or later before use.
- *2) This tool might not operate correctly depending on the security setting of the PC. In that case, disable the security setting temporarily and try to use it again.

Applicable products are as follows.

EX260-SEN1/2/3/4

EX500-GEN2

EX600-SEN1/2/3/4

EX600-WEN1/2

JXC91/JXC92/JXC93

*: When the DHCP mode and the remote control mode are set

Make sure that all downloaded files are in the same folder as the EX9-ZSW-IPC1.exe file before use.

DhcpServerDII.dll

PacketDotNet.dll (*3)

SharpPcap.dll (*3)

Etc.

*3) This is the open source software.

For details, please refer to "open_source_License" which is located in the folder in which all of the downloaded files are saved.



3. Network Configuration Example

Set the IP address while disconnected from the EtherNet/IP™ module (master).

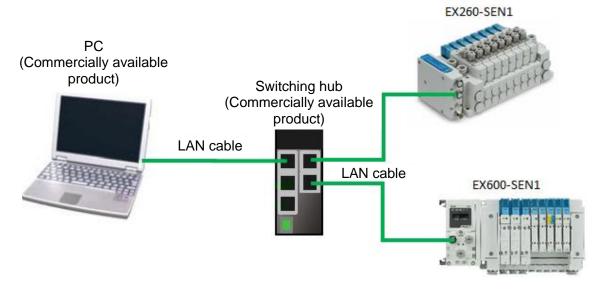
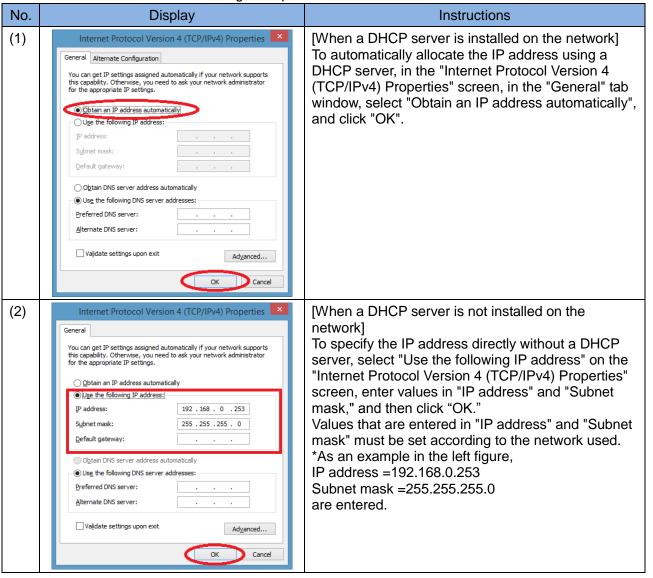


Fig. Network Configuration Example



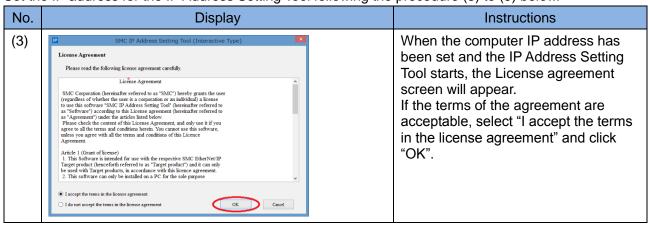
4. Setting the Computer's IP Address

Set the IP address of the PC according to step 1 or 2 below.

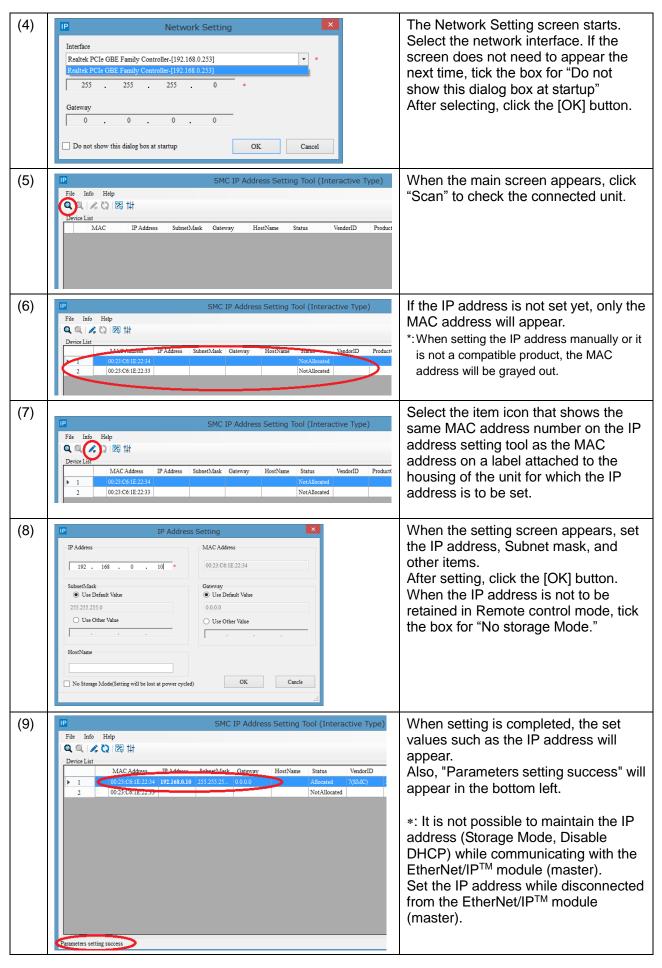


5. IP address setting of the IP Address Setting Tool

Set the IP address for the IP Address Setting Tool following the procedure (3) to (9) below.



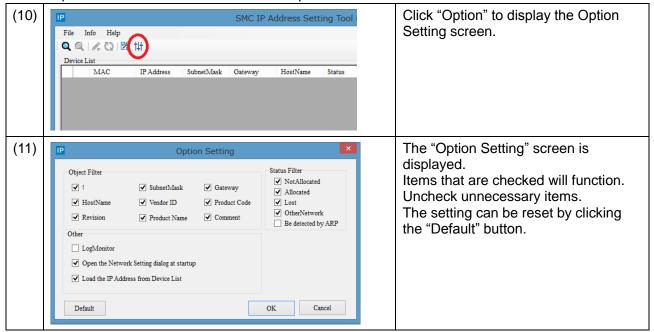






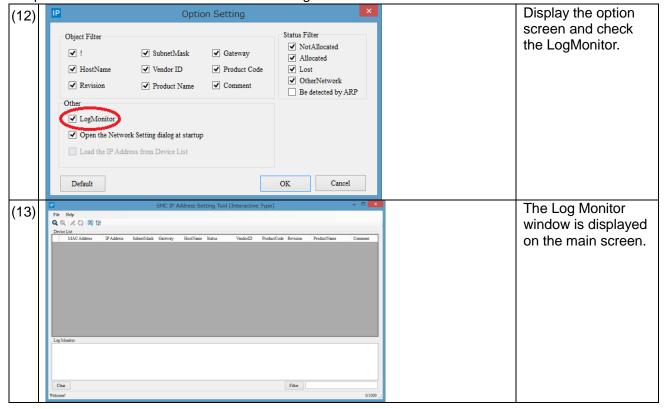
6. Option Setting

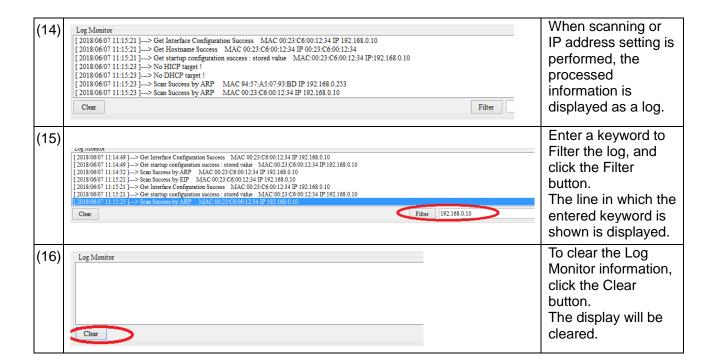
Set the optional function in accordance with steps 10 to 11 below.



7. Log monitor function

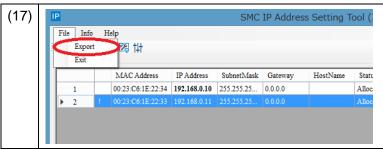
It is possible to monitor the scanned status using this tool.





8. Export Function

This tool stores the scanned device list as a csv file.



Click File > Export, and then save the csv file in the folder of your choice.
The stored csv file can be used for the IP Setting Tool (presetting type).



9. Definitions and Terminology (Supplementary Explanation)

Please refer to the table below for glossary.

	Terminology	Definition
D	DHCP	A protocol that automatically allocates information, necessary to be registered to use the network, such as an IP address, to individual devices connected to the TCP/IP network.
	DHCP mode	Mode to obtain an IP address from the DHCP Server. The IP address will be lost when the power supply is disconnected. Refer to the operation manual for setting the product.
	DHCP server	DHCP is an abbreviation of Dynamic Host Configuration Protocol. It is a server that automatically allocates information, necessary to be registered to use the network, such as an IP address, to individual devices on the network.
I	IP address	A 32 bit digit sequence which is assigned to identify devices which are connected to the network.
М	MAC address	A unique number assigned to all devices connected to an EtherNet/IP TM network.
R	Remote control mode	An IP address obtained via the DHCP server can be held. Refer to the operation manual for the products for setting.
S	Subnet mask	Numerical values that define the range of the numerical string within the IP address used on the network.
	Switching hub	Device that works as a relay in the network.



Revision history
A: Contents are added. [August 2018]

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