OMRON

SNMP/Web Card Installation Instruction

About CD enclosed to this product

① The kind and version of inclusion software are changed without a preliminary announcement in the software recorded on CD enclosed for this product.
Please confirm CD enclosed to goods about the software recorded on CD.

② About automatic shutdown software, the latest version and a previous version are downloadable from our homepage.

Safety attention

In order to prevent an injury, failure, a fire, etc., please be sure to read notes currently explained here.

● The sign and meaning about the safety of this operation manual are as follows.

⚠ **attention**	If the mistaken handling is carried out, people get injured or the contents generating of physical loss or damage is assumed to be are shown.

   ※ Physical loss or damage means the expansion damage concerning a house and household effects, livestock, and a pet.

🚫	：It means prohibition (it must not carry out). For example, 🚫 means the ban on decomposition.
❗	：It means compulsion (it must carry out). For example, ⏚ means being connected by the ground.

In addition, depending on a situation, it may be connected with a serious result also under the matter indicated to cautions. Since all have indicated important contents, please be sure to comply.

⚠ Attention

When you perform insertion and removal of this product , be sure to turn off the main part of an uninterruptible power supply (UPS) and connection apparatus, and to carry out in the state "AC input" plug is pulled out from a power receptacle.

● There is fear of an electric shock.

Do not decomposition, repair, and reconstruction.

● There is a risk of receiving an electric shock or starting a fire.

When you perform attachment and removal of this product to an uninterruptible power supply (UPS), please work by installing an uninterruptible power supply (UPS) in the stable place and the direction which is not reversed.

● It may be injured if a falling and tumble occur.

The uninterruptible power supply (UPS) furnished with this product should be carried out ground connection (grounding) certainly.

● If an uninterruptible power supply and other apparatus contact simultaneously, without connecting a ground, an electric shock may be received.

It is being unable to touch the parts on a substrate end face or a substrate, when performing the insertion and removal of this product.

● Since a substrate end face and parts are sharp, it may be injured if it touches.

● There is a possibility of burning oneself if parts are high temperature.

● Parts sensitive to static electricity are being used for this product.

Please do not touch the contact port and other parts of a connector in particularly empty-handed.

A liquid cannot be touched even if a liquid is on an internal board.

● There is a possibility of carrying out loss of eyesight and a burn.

● If it adheres to eyes or the skin, please wash away with a lot of clean water immediately, and receive a medical examination of a doctor.

The "power supply" switch of the connected uninterruptible power supply (UPS) should be turned off and pulling out "AC input" plug from a power receptacle, when smoke, a nasty smell, and an abnormal sound occur from this product.

● If it will be in such a state, please do not use it by any means. But please request the check and repair to the store or our company of a purchase .

An operating condition and environment given in this description, and the operating condition and environment of the uninterruptible power supply (UPS) with which it is equipped are kept.

The removed battery should not be put on the place which infants' hand reaches.

● There is a risk that the infant swallow

⚠ Attention

A battery is not used for other uses.

Do not disassemble, heated or dispose of in a fire。

● There is a risk of starting a burst and a fire.

+ and - of a battery are not short-circuited with wire etc.

● There is a risk of starting generation of heat and a fire.

Do not soak or do not pour water.

● May cause a fire or electric shock

● When you soak in water, please stop use of this product immediately, and request check and repair.

Do not leave the place to become the high temperature and a strong place of the direct lays of the sun.

● Battery gets very hot, and there is a danger of explosion or fire

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■About disclaimer

Even if it is an accident resulting from use of our products, it cannot respond to the guarantee of all the damage including the abnormalities of equipment, connection apparatus, and software, the damage to failure, and other secondary damage.


■About disposal of this product

● Dispose of this product correctly by putting it in a plastic bag according to the separating rules prescribed by municipalities.

● For corporations, dispose of this product as industrial wastes.
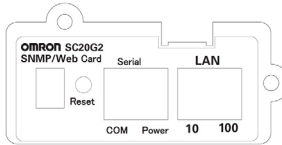
The check of enclosed items

Please check whether there is any damage in the appearance of this product, or all the following packing articles are included.

＊ When a packing article has fault and shortage, please ask the store of a purchase, or the OMRON electronic device customer support center.
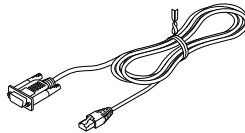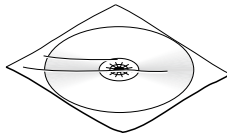
1. SNMP/Web card (With bracket) .... 1 piece
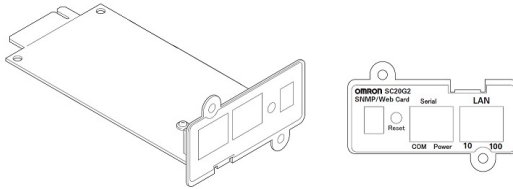
2. Exchange Bracket .... 1 piece

3. Serial connection cable.. 1 piece

4. CD-ROM （Instruction manual、shutdown software, etc） .... 1 piece

5. Installation instruction （this book Japanese/English） .... 2 piece

The name of each part of a main part

SNMP/Web Card Install Guide
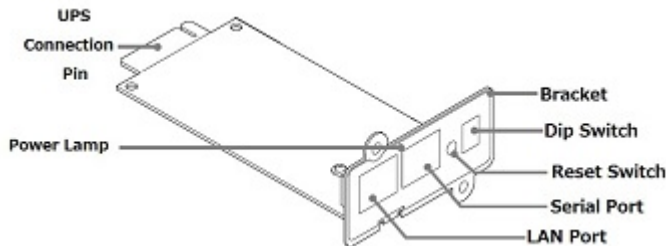
Exchange of a bracket

● When the screw positions of the uninterruptible power supply (UPS) slot and the bracket do not match, replace it with an exchange bracket.

Exchange Bracket
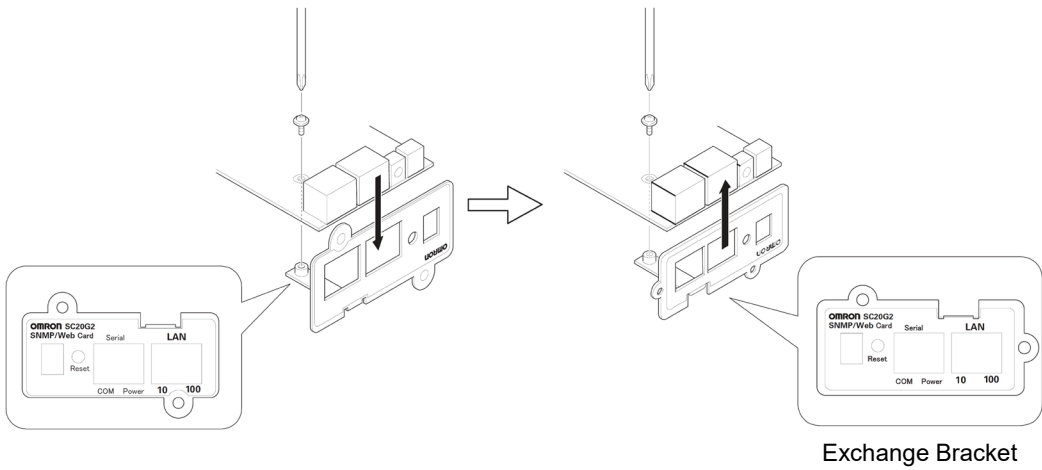
Insertion of a SNMP/Web card

1*.Please check that the power of an uninterruptible power supply (UPS) is off, and that it is in the state where AC input cable was removed from the electric socket or the terminal board, and electric power is off.*

  Please pull out a power receptacle after turning off the "power supply" switch and being in a shutdown state, when UPS is operating (refer to the operation manual of UPS for the check of a shutdown state).

2*.Please check that each of two DIP switches in the back of this product is off.*

3*. Remove two screws and cover (or existing card).*
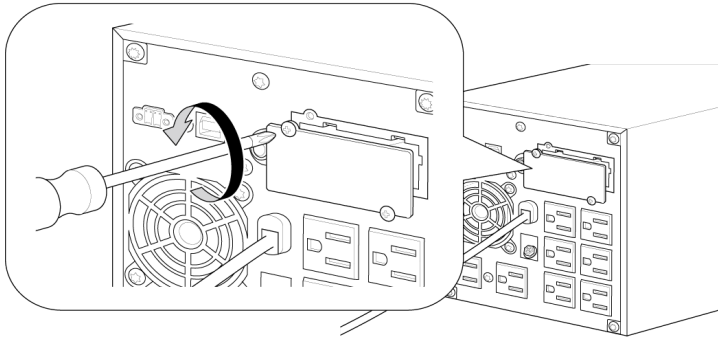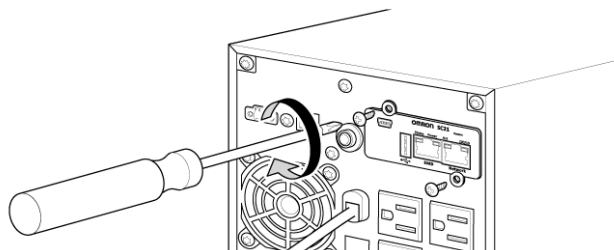

4*. Insert this product and push it to fix certainly the terminal behind the card to the UPS's connector.*

    CAUTION Confirm the inserting direction, and do not push it in forcefully.
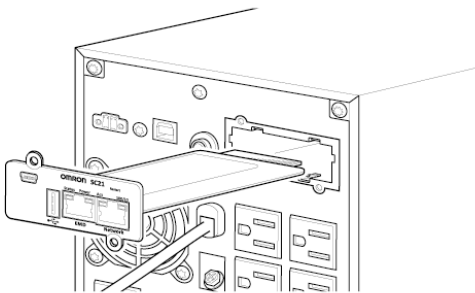
5. Fix this product with two screws that are removed.

※Store the cover that is removed not to be lost.

6. Please connect an uninterruptible power supply (UPS) with a power receptacle, and turn ON a "power" switch.

A network setup of a SNMP/Web card

A setup for using this product on the target network is performed.
The fixed IP address of the initial value of this product is set as "192.168.2.150."
Please make a change of a fixed IP address from [SMNP-Web-Card Configuration Utility Main menu]
of a "method 1: via serial port" or a "method 2: via Telnet."
After once performed a network setup, a setup by web browser is easy.
Each setting method is explained below. （This book explains Windows 8 as an example.
When you use other OS, please perform a network setup by reference of following contents.）

Method 1: Via Serial port

1.Please insert the input plug of the computer for a setup into the output terminal of an
uninterruptible power supply (UPS), and turn on a "power " switch.

2.Please connect the computer for a setup with this product by using a serial cable.

3.Please download Tera Term Pro 2.3 from Internet, and create shortcut to a desktop.

4. Please double-click the shortcut ![icon] of Tera Term Pro created to the desktop.

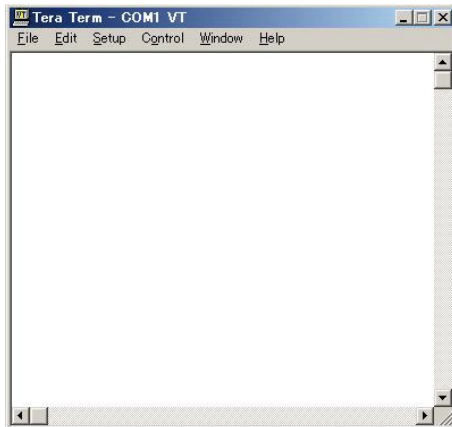**5**. Please click [Setup]→[Serial port] from Tera Term Menu.
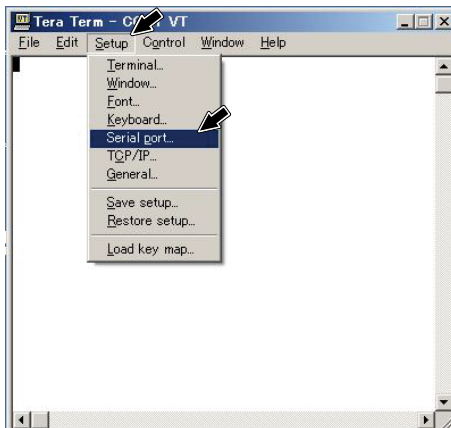
**6**. Since the screen for setting up the property of the set-up COM port is displayed, please set up as follows.
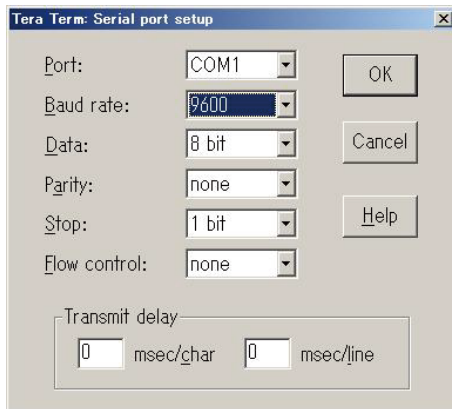
Port	Com1
Bits per second	9600
Data bits	8
Parity	None
Stop bits	1 bit
Flow control	None

7. A click of [OK] will set up the screen of Tera Term.

The screen of Tera Term

8. Please press the Enter key.

9. Next, since the following password entry screens are displayed, please input "admin"
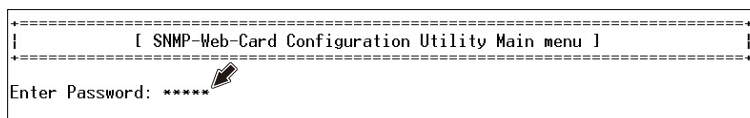
10. The item of [SNMP-Web-Card Configuration Utility Main menu] is displayed.
If "1" is inputted and ⏎ is pushed, [SNMP-Web-Card Configuration Menu] will
be displayed.

```
+===========================================================================+
|                [ SNMP-Web-Card Configuration Utility Main menu ]          |
+===========================================================================+
   1. SNMP-Web-Card Configuration
   2. UPS Parameters
   3. Access Control
   4. Trap Receiver
   5. Main Window
   6. UPS Information Window
   7. Reset Configuration To Default
   8. Restart Agent
   0. Exit

Please Enter Your Choice => 1



+===========================================================================+
|                     [ SNMP-Web-Card Configuration Menu ]                  |
+===========================================================================+
   1. System Group
   2. Control Group
   3. Parameter Group
   4. Email Group
   5. Script shutdown Group
   6. Same setting with : 0.0.0.0
   0. Return to previous menu

Please Enter Your Choice =>
```

11. Furthermore, please input "1" and push ⏎.

```
+===========================================================================+
|                     [ SNMP-Web-Card Configuration Menu ]                  |
+===========================================================================+
   1. System Group
   2. Control Group
   3. Parameter Group
   4. Email Group
   5. Script shutdown Group
   6. Same setting with : 0.0.0.0
   0. Return to previous menu

Please Enter Your Choice => 1
```

12. [System Group Configuration Menu] is displayed and the list of the network-related
present preset values of a SNMP/Web card is displayed.

```
+===========================================================================+
|                     [ System Group Configuration Menu ]                   |
+===========================================================================+
      SNMP Agent Version : 2.40 (Release Date: 2011-03-03)
      Ethernet address   : 00 E0 D8 15 E9 BC
   1. Ip Address         : 192.168.3.100
   2. Gateway Address    : 192.168.3.1
   3. Network Mask       : 255.255.255.0
   4. Date and Time
   0. Return to previous menu

Please Enter Your Choice =>
```

After inputting the number of an item to change,   please push ⏎.
Next, after inputting a value and completing an input,   please push ⏎.

13. Please operate it according to a display and end a setting menu.

14. Click the [file] of a menu bar and click [exit].

It is possible to set up almost all functions via a serial port except for a shutdown-related function.
Please refer to the operation manual in enclosed CD-ROM for the details of the contents of a setting.

Method 2: Via Telnet

＜TCP/IP Install＞

Please set up TCP/IP by computer for a setup as follows.

1. Please choose the [control panel] -> [network and Internet] after clicking [settings].

2. Next, click [network and a sharing center]→[Connections], then click[Properties].

3. Please check that [the Internet   protocol   version 4] (TCP/IP V4) is checked by list of a component.
- Please check, when the [protocol   version] (TCP/IP V6) is not checked.
- When [the protocol   version 6] (TCP/IP V6) is not displayed, click [installation] and install TCP/IP.
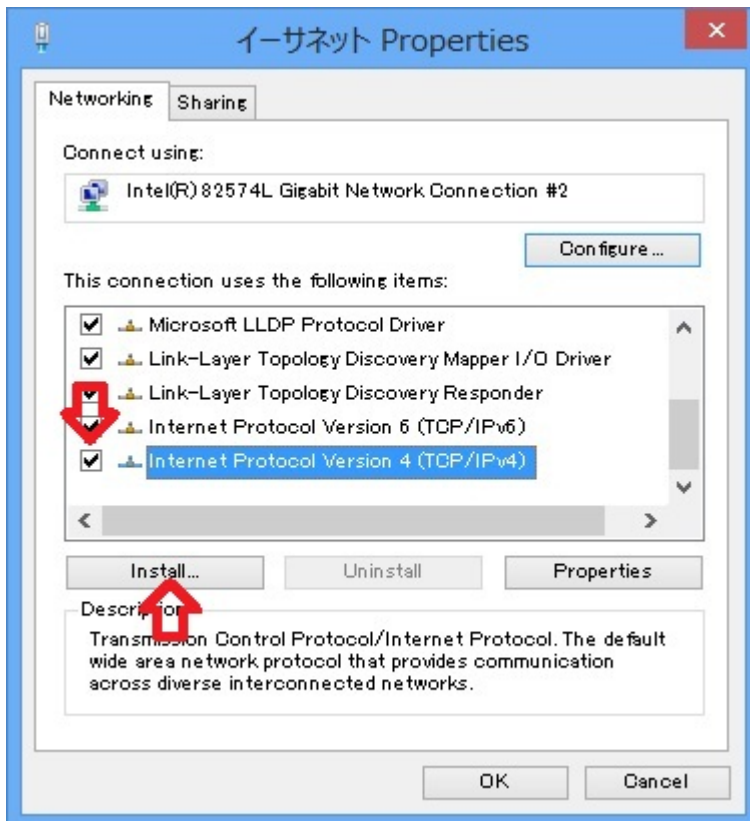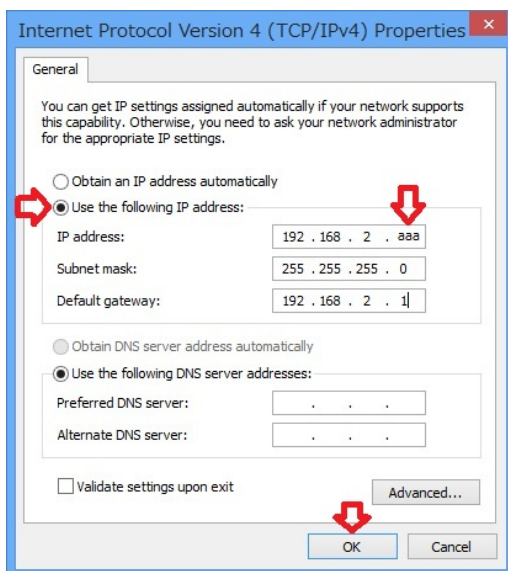
4.Please click a [property] after choosing [the Internet protocol version 4 (TCP/IP)].
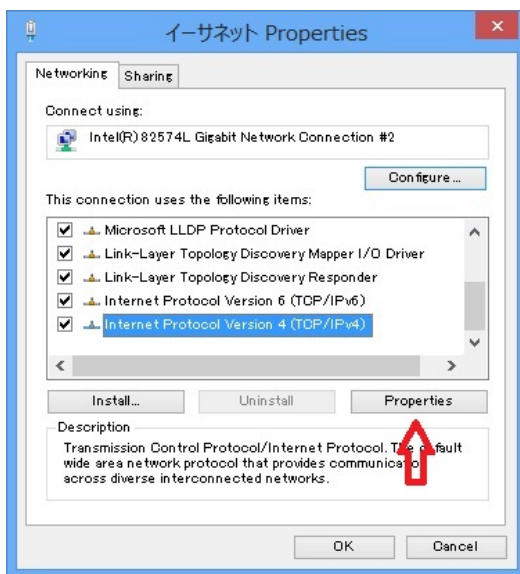
5.Check [Use the following address]. Please set up the IP address column, the subnet mask column, and the default gateway column as follows, and click [OK].
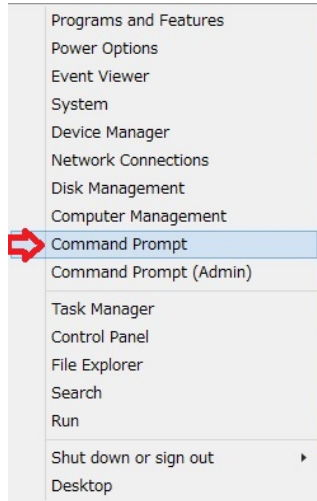
IP address：192.168.2.aaa
Subnet mask：255.255.255.0
Default gateway : 192.168.2.1
Please put the arbitrary number of 1~254 into aaa.

Please click [OK] after a setup and return to an initial screen.

SNMP/Web Card Install Guide

＜A setup of this product＞

1. Please connect the SNMP/Web card inserted in the uninterruptible power supply(UPS) to a network.

2. Next, please perform a Windows command prompt according to the following procedures. [Start] -> [Command prompt]

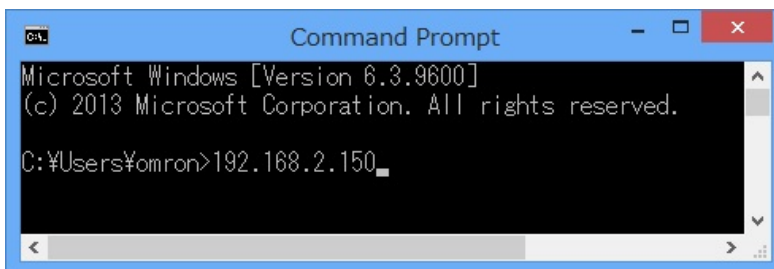**3.** The following command prompt screens are displayed.
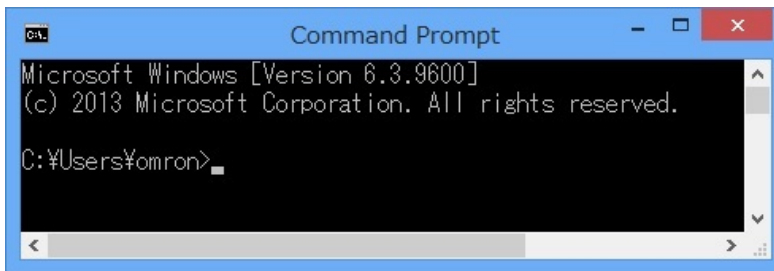
4. Please input the unique IP address (initial value: 192.168.2.150) of a SNMP/Web card.

Please input by a command prompt as follows.
   Input example）
   Telnet↵192.168.2.150 ⏎

      ※When the IP address of a SNMP/Web card is changed, please input the IP address.

5.Next, please input "admin ⏎" in a password entry screen.

6.Subsequent setup steps are the same as that of the case "method 1:Via a serial port."

Please perform a setup from the following screens.

```
+==============================================================================+
|                 [ SNMP-Web-Card Configuration Utility Main menu ]            |
+==============================================================================+

Enter Password: *****


+==============================================================================+
|                 [ SNMP-Web-Card Configuration Utility Main menu ]            |
+==============================================================================+
   1. SNMP-Web-Card Configuration
   2. UPS Parameters
   3. Access Control
   4. Trap Receiver
   5. Main Window
   6. UPS Information Window
   7. Reset Configuration To Default
   8. Restart Agent
   0. Exit

Please Enter Your Choice =>
```

Please return a network setup of the computer for a setup if needed.

Reference: Via Web browser

When a setup of an IP address is finished via a serial port course and Telnet, and acquiring an IP address from a DHCP server, this product can be set up from a web browser.

1. Please connect the SNMP/Web card inserted in the uninterruptible power supply (UPS) to a network.

2. Next, a web browser is started and the IP address (initial value: 192.168.2.150) of this product is inputted into an address bar. Please push ⌨ .
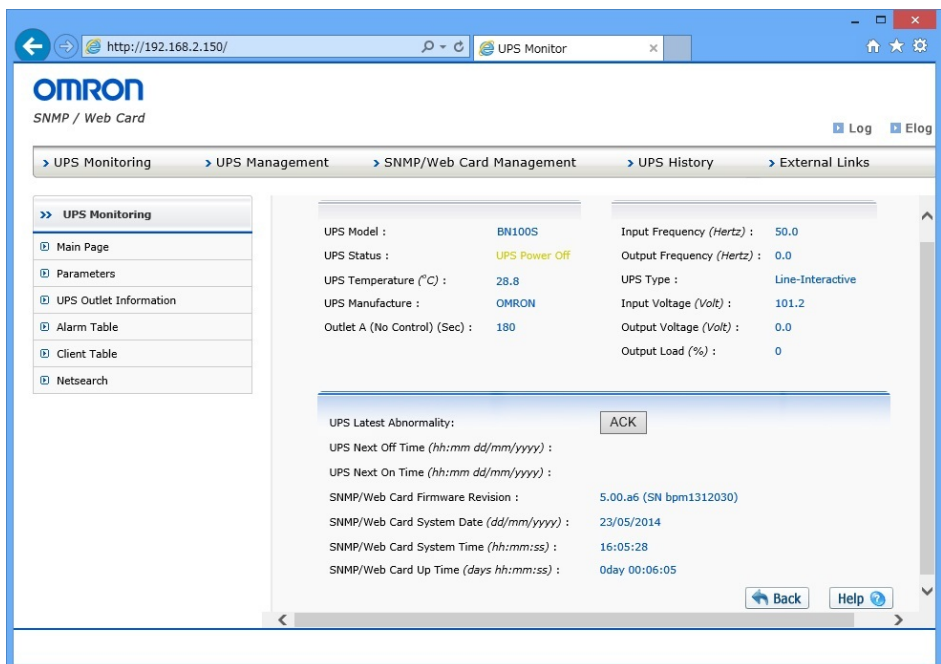
   Notes)When you set acquisition of the IP address of this product as DHCP, please check the IP address assigned by the DHCP server by the router or a server.
   Input example）
   When an IP address is 192.168.2.150
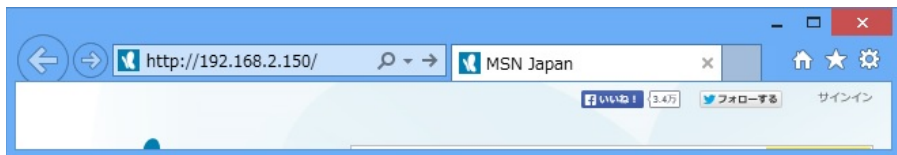
3. The initial screen of a SNMP/Web card is displayed.

Specification

LAN Port	10/100M bit
Network protocol	SNMP、HTTP、HTTPS、SSH、ARP、RARP、TFTP、ICMP、Telnet
Other communication pathways	Serial connection,Asynchronous system (only setup)
Support MIB	UPSMIB（RFC1628） OMRON MIB
Operating temperature	0 ～ 40℃
Operating humidity	10 ～ 80％
Power consumption	Maximum 3W
Outside dimension	60（W）×130（D）×18.2（H）mm
Weight	Approx.70g
Standard	VCCI Class A (conformity)
Others	Real-time clock loading

※For compatible Uninterruptible Power Supply (UPS), please check our product page.

K1L-D-14012E