viliv

S10

User's Manual

viliv

This guide may be changed for product improvement without prior notice.

Thanks for purchasing viliv.

Please read the precautions
throughly before using the product.

viliv

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Certification

This device has acquired EMC certification for home use (Class B) and is designed not only for use in residential area but anywhere.

Grade B Device
(Broadcast Communication Device for Residential Area)

Registered Trademark

viliv is the registered trademark of Yukyung Technologies Corp.

Windows7, Windows Vista, Windows XP, Windows 2000, Windows CE are the registered trademarks of Microsoft Corporation.

Liability Disclaimer

Infringement of Intellectual Property Rights: Playing, copying or distributing any part or all of any copyrighted contents such as software, music or video with this device may infringe on a third party's legitimate intellectual property rights or violate copyright law. All legal responsibilities for the infringement of copyright or intellectual property rights from the use of this device lie with the user.

Improper Use: The manufacturer of this device is not liable for any damage or improper use and operation by using this device and infringement of copyright and portrait right by user when taking photos In addition, the manufacturer is not liable for bodily injury or property damage that may occur arising from inappropriate use other than operation standards or conditions.

Data Loss: Any audio, video or photo files stored in this device may be deleted due to damage or operational error caused by user's careless handling or unknown failure or when the device undergoes warranty repair. Therefore, the files must be backed up in a separate place.
In these cases, the manufacturer is not liable for the loss or damage of data stored in the device.

Specification Change: The standards, accessories, embedded software and manual contents of this device may be changed without user's prior consent or prior notice to the user.

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S10 Safety Precautions for Use

⚠ Warning | Please observe the instructions below. Failure to do may cause heating, fire, explosion, etc.

- If the battery can be seen to be swollen, there may be imminent danger. Immediately contact the manufacturer or sales representative.
- Only use an eligible specified charger.
- Keep the device away from open flames. (Do not put it in a microwave.)
- Do not leave the device in a car in summer.
- Do not store or use the device in a hot and wet place like a bathroom.
- Do not put the device on bedclothes, electric mattress or carpet and use it for a long time.
- Do not store the device powered on in a closed space.
- Do not allow metal products, such as a necklace, coil, key or watch, to touch the battery port.
- Use a lithium secondary battery guaranteed by a portable device manufacturer.
- Do not disassemble or pierce the device and do not apply excessive strength.
- Do not apply excessive impact like dropping the device from a high place.
- Do not expose the device to high temperatures of 60°C or higher.
- Avoid humidity.

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information

This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received.

Including interference that may cause undesired operation.

Information to User

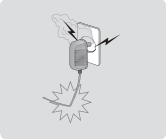
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ tv technician for help.

Safety Precautions for Use

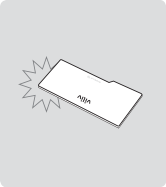
The precautions below are provided to prevent bodily injury or property damage by using this product correctly. Please observe the precautions.

Precautions on Power



- Do not touch the power adapter with wet hands.
- Plug the power cord into an outlet with grounded jack.
- Be sure the plug goes in all the way and is not loose.
- Do not use your device if it is damaged, including an exposed or peeled power cord.
- If lightning occurs nearby or if you are absent for a long time, unplug the plug from the outlet.

Precautions on Battery



- Do not apply strong impacts or make a hole with a sharp object.
- Do not leave the battery in a hot place such as sauna or bathroom or otherwise heat it.
- Do not let the battery become wet or immersed in liquid.
- Do not allow children or pets to bite or suck the battery.
- Keep the battery charging port away from metals.
- When disposing of the battery, do not burn it or throw it away in domestic trash. Dispose of the battery at the nearest disposal place for batteries after contacting your local water disposal agency.

Precautions for the Device

- Avoid exposing to direct sunlight and do not leave in a closed car.
- Do not leave the device in a dusty place or a humid place such as a bathroom.
- Keep the device away from credit cards, bankbooks, or a communication ticket.
- Do not use accessories that are not provided with this device.
- Do not touch the LCD screen with a sharp object.

Precautions in Use

- Do not listen to music at a high volume for a long time.
- Do not watch the video for too long a time.
- Do not apply strong impacts on the LCD.
- If the device begins to smoke or become deformed by heating, stop using it immediately and contact your nearest Customer Service.
- Do not use the device in a hospital, on board a plane or while driving.
- Do not directly put and use the device frame or the power adapter on your bare skin for a long time. The temperature of the station may rise even during normal operation. If you continue to use the device on your bare skin (in particular, when the adapter is connected), you may feel uncomfortable or receive a burn.

Other Precautions

- If the device is wet, do NOT turn on the power. Separate the battery and wipe it with a soft dry cloth. After that, contact Customer Service.
- When cleaning the device, wipe it with a soft dry cloth and do NOT use chemicals, such as benzene or thinner.
- Do not repair, disassemble or alter in any manner.
- Do not allow any liquid or foreign materials to get inside the device.
- Do not drop the device.

Safety Precautions for Use

The device functions vary depending on model.
Read the relevant precautions for the provided function before using the device.

Precautions for the Bluetooth

- Do not attempt to operate the Bluetooth while driving. Accidents caused by such improper handling are the sole responsibility of driver.
- To prevent electromagnetic problems or other dangers, turn off the Bluetooth setting wherever the use of Bluetooth is inhibited.
- If you use a certain medical device, such as a pacemaker or a hearing aid, ask the manufacturer of the relevant device if it is correctly cut off from energy sources before using it. If necessary, you may ask for some assistance from your regular doctor.
- This device satisfies Bluetooth standards 2.0. Some Bluetooth devices may not be fully compatible with this device. For detailed information on compatibility, contact the manufacturer of the relevant device or our Customer Service.
- This wireless equipment may experience electromagnetic interference, so it is not permitted for use by a life-saving service.

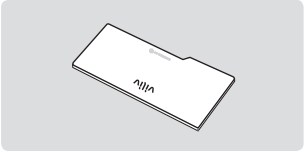
WiFi and 3G Modem (or HSDPA) do not operate simultaneously.

Names of Parts

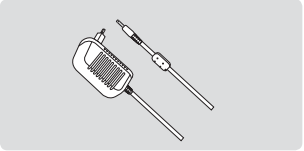
The appearance of the components below may differ from the actual components and some components are subject to change.

Basic Components

Main Body

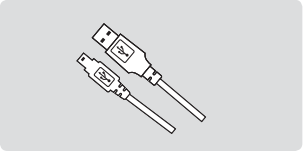


Standard Removable Battery



AC/DC Power Adapter

Stylus Pen
(embedded in the main body)

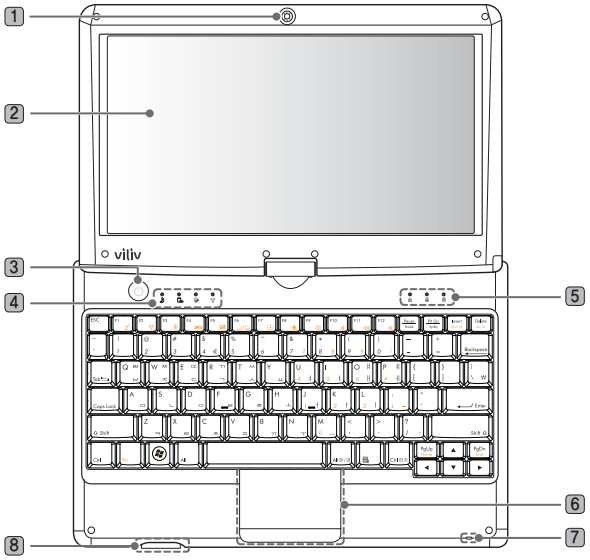


USB Cable

User's Manual

Names of Parts

Front View



1 **WEBCAM** Equipped with webcam.

2 **TFT LCD/Touch Screen** Users can operate the device using the touch screen.

3 **Power Indicator Lamp** Displays the power ON/OFF status.

4 **Operation Status Indicator** **Power Save Mode Indicator/Disk Device Indicator/ Battery Charging Status Indicator/Wireless LAN Indicator**

Power Save Mode Indicator	This light is turned on while the device is in power savemode.
Disk Device Indicator	This light is turned on while the disk drive is being accessed.
Battery Charging Status Indicator	Indicates the battery charging status
Wireless LAN indicator	Indicates the operation status of the wireless LAN device.

5 **Keyboard Status Indicators** Indicates the status of Num Lock, Caps Lock, and Scroll Lock.

6 **Touchpad** Touchpad has the same function as PC mouse. Users can move the pointer by moving the finger on the pad.

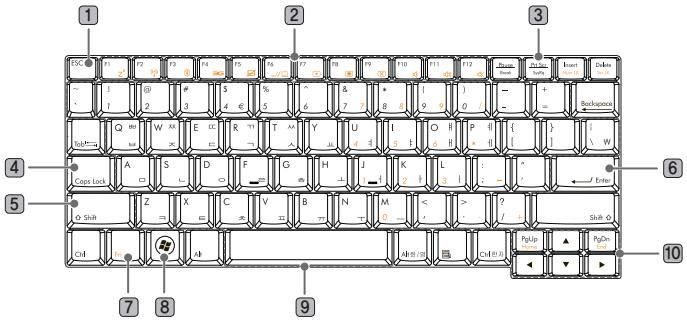
7 **Built-in Microphone** Internal microphone is built in.

8 **SD Card Slot** For using SD/SDHC card.

Names of Parts

Keyboard

The keyboard may be different for each country.



1 **Esc Key** It is usually used for terminating or interrupting programs.

2 **Function Keys (F1~F12)** Usages are different depending on the operating system used and application program

3 **PrtSc Key (Print Screen)** This key is used for printing the screen or temporarily saving the screen.

4 **Caps Lock Key** English characters will be in upper case when entered with Caps Lock light on. Pressing this key one more time will turn off the light. This key has no effect when entering Korean.

5 **Shift Key** This key is used when entering the character shown on the upper part of each key, upper or lower case of English characters, or hot keys.

6 **Enter Key** Enter key is used to indicate to the computer that one command input is completed, and it is also used for making a new line.

7 **Fn Key** This key is used together with function keys.

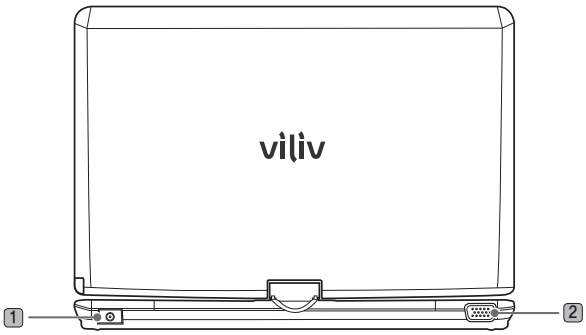
8 **Windows Key** It is a Start Menu button provided by Microsoft Windows, and pressing the button will display Start Menu.

9 **Characters and Numbers** There are keys for entering characters, a space key for entering space, number keys from 0 to 9, and other special symbol keys.

10 **Cursor Moving Keys** These are to move the cursor while using programs.
Edit keys **PgUP/Home/PgDn/End** Keys for moving pages while using programs.

Names of Parts

Top View

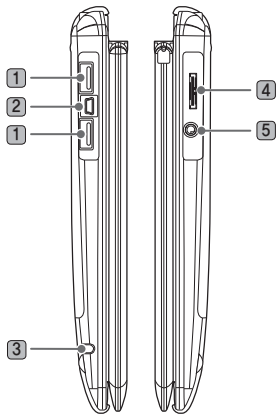


1 **Power Adapter Port** For connecting power adapter or charging the battery.

2 **D-SUB** It is used to connect an external screen such as monitor or projector.

Names of Parts

Left / Right View



1 **USB Port** For connecting to external devices with USB port.

2 **Link Port** For connecting to a computer.

3 **Stylus Pen** Stores a stylus pen.

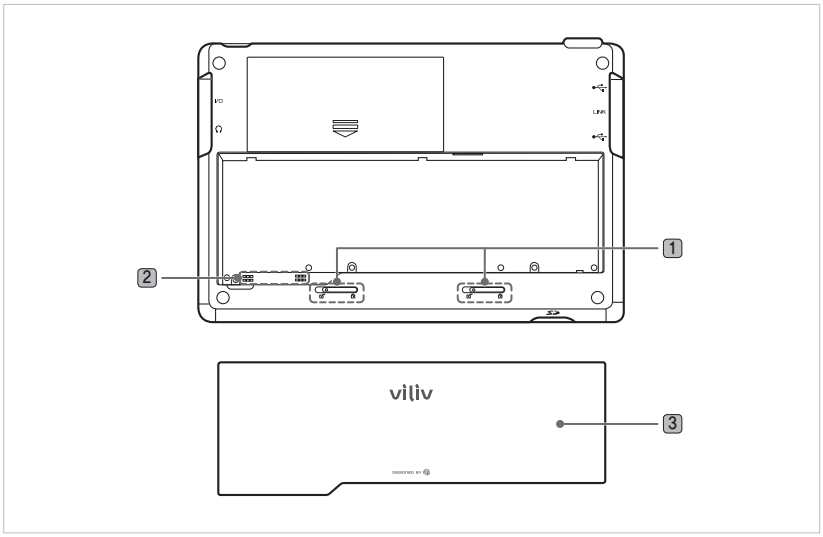
4 **Multi I/O Port** Used for external video output (component video, composite video, and S-video).

5 **Earphone & Microphone Combo Port** Used for connecting the earphone and headset.

Names of Parts

Rear View

The figure below shows the rear side of the main body without the battery. (Refer to Page 18 for Separating/Attaching battery.)



1 **Separating/Attaching Battery** Push the battery downward to separate the battery, as shown in the figure above.

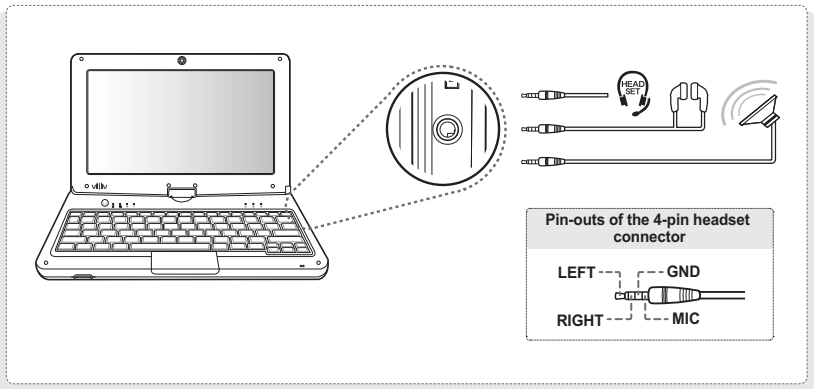
2 **Battery Charging Port** Connection part of battery terminal.

3 **Battery**

S10 Installation and Cable Connection

Connecting the Earphone & Microphone Combo Port

Connect the accessory devices to the earphone & microphone combo port located on the right side of the device.



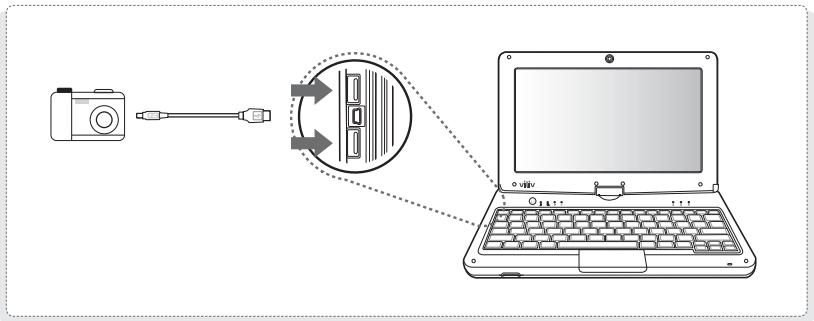
Notice

- When using an external speaker, connect the speaker with a standard 3.5ø stereo cable to the earphone & microphone combo port.
- When using a headset, connect the headset with 3.5ø (4-pins) to the earphone & microphone combo port.

S10 Installation and Cable Connection

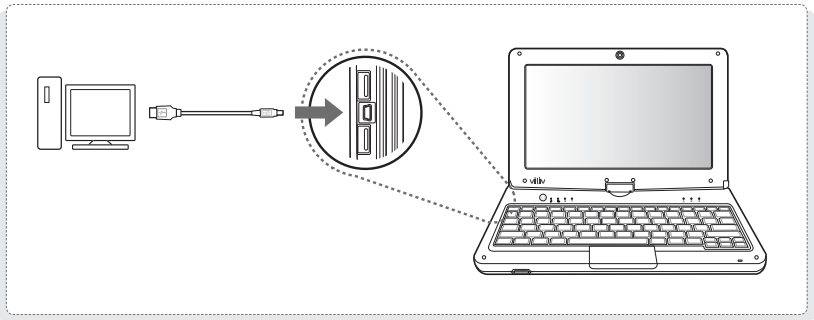
USB Connection

This is used for the connection of external devices, such as digital camera, external HDD, etc.



USB Data Link Connection

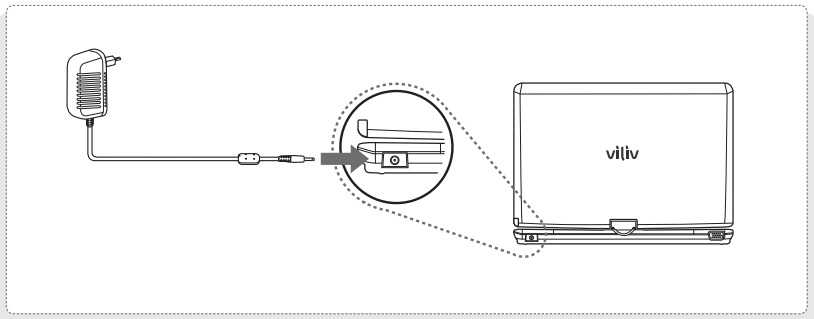
Connect the USB cable to the USB LINK port located on the left side of the device.



S10 Installation and Cable Connection

Power Connection (Charging Adaptor)

Connect the charging adapter to the power supply adapter port located on the back of the device.



Notice

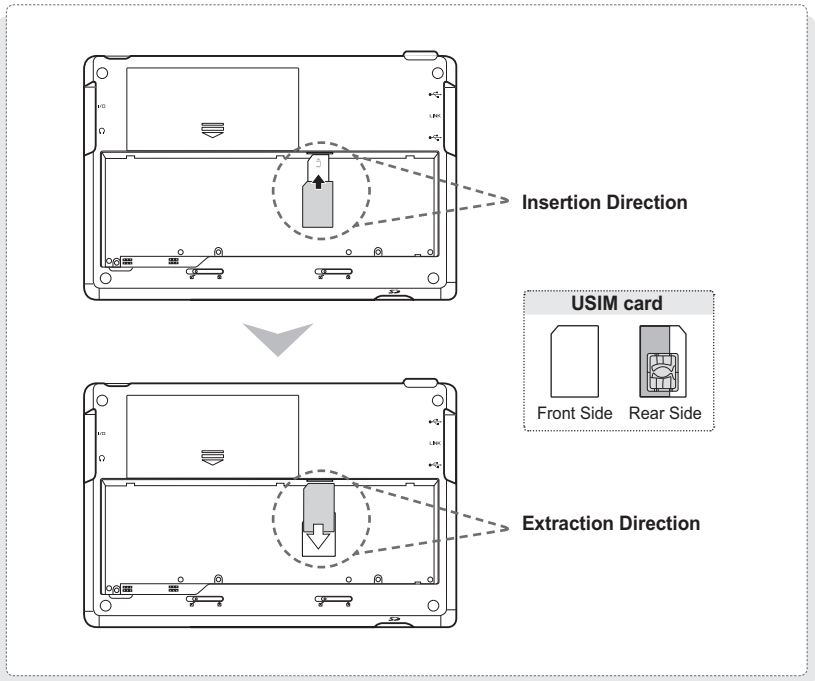
Battery charging status indicator

While charging (using AC adapter) ☞ Red: charging / Blue: fully charge

Inserting · Extracting USIM Card

How to Insert ⬆ : Let the front of a USIM card face the USIM card slot and then push it in the arrow direction until a click sound is heard. (If, however, you push the USIM card using too much force, the card may be damaged.)

How to Extract ⇩ : Since this device adopts a one-touch method, you may gently press on the end of the USIM card to extract it automatically. (Pull out the USIM card slightly protruded.)



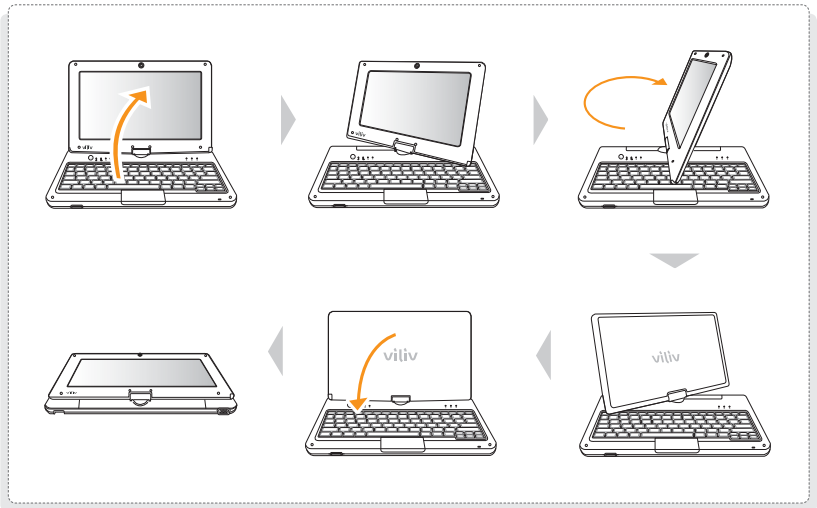
Notice

Please, turn the power of the station off before inserting or extracting the USIM card.

S10 Installation and Cable Connection

Rotating LCD Screen

LCD screen can be rotated for the convenience of the user. It can be rotated up to 180 degrees in a clockwise direction.



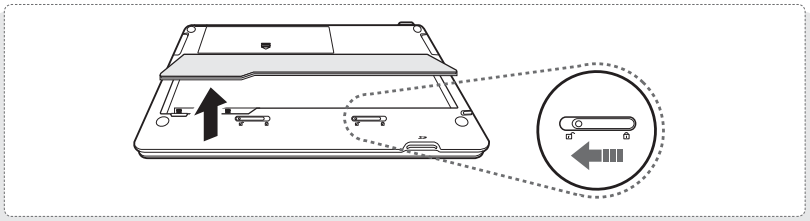
Notice

- Take care not to use excessive force to rotate the screen more than the allowed 180 degrees, otherwise it may result in a malfunction.
- Take care not to rotate the screen while the LCD lies flat as it might cause a malfunction.

S10 Separating · Attaching Battery

Separating Battery

Push the battery release/lock button located on the bottom of the device in the direction shown in the picture. Remove the battery.

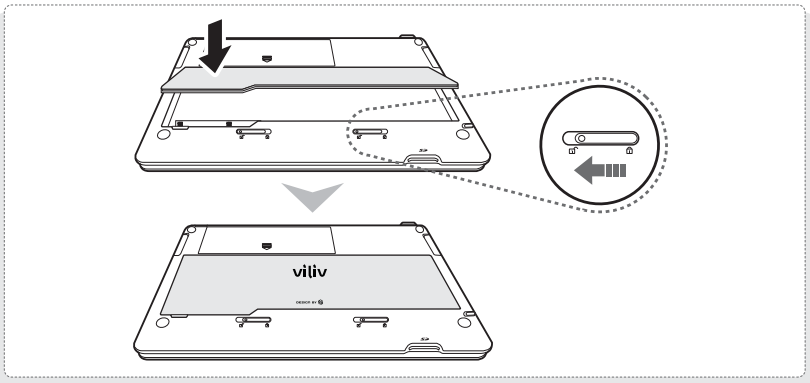


Notice

Separate the charger after turning the power of the station off.
If not, you may receive an electric shock by a short circuit in the battery power part.

Attaching Battery

Align the battery in the groove as shown in the picture and push the battery release/lock button in the direction shown in the picture to install the battery.

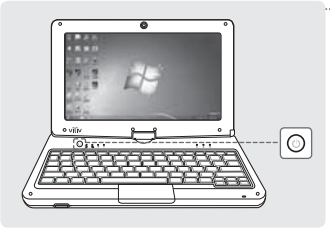


Notice

If the battery is misaligned with the groove and you attempt to mount the battery, the device may be damaged.

S10 Basic Operation

Turning the Power On/Off



Turning the power on

Depress the power button for about two seconds to turn on the power.

▷ The LCD screen turns on and the main screen is displayed.

Turning the power off

Use the “Shutdown” menu in the Start Menu to turn off the device while Windows is running.

If the system locks up while using the device, depress the power button on the left for a long duration while the device is on to turn the power off.

▷ Avoid turning off by using the button as the working files may not be saved.

▷ Turning off the power with the button works depending on the power option configuration of Windows.

Touch Screen

Touch

Depress the desired point on the LCD screen with the touch pen and release the pen.

▷ Pressing a spot for a long duration has the same function as a right mouse click.

Double Touch

It has the same effect as a double-click of a PC mouse.
Touch the desired location twice consecutively.

Drag

While depressing the desired point, drag the touch pen over the screen to the destination point.

▷ It has the same effect as the drag function with a PC mouse.

Running Virtual Keyboard

Running the Virtual Keyboard

Press the vilivSoftKeyboad icon on the screen.

Hiding the Virtual Keyboard

If you press the Hide icon on the virtual keyboard, the keyboard is converted into the icon.

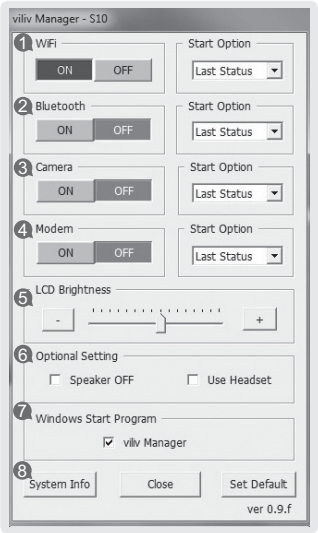
▷ To return to the original status, press the icon again.

Activate/Deactivate Virtual Keyboard

Double click the vilivSoftkeyboard icon to activate/ deactivate the virtual keyboard.

Set Up for villv Manager

viliv Manager is executed by double touching vilivManager on the screen.



1	**Wireless LAN Power** Activate the wireless LAN.
2	**Bluetooth Power** Activate the Bluetooth function.
3	**Camera Power** Activate the webcam.
4	**Modem Power** Activate the Modem function.
5	**Brightness of LCD** Adjust by status bar or -, + button.
6	**Misc Settings** 1. Speaker OFF: To turn on/off the internal speaker while using AV-OUT 2. Use headset : To turn on/ff external microphone (Using external microphone with 4-pins 3.5 ø connector)
7	**Setting Windows Start Program** viliv Manager : To activate the viliv Manager when the Windows is booted up.
8	**System Information** To check the product information. 1. Close : To close the viliv Manager 2. Initialize Settings : To read the initial setting values of viliv Manager

S10 Recovery Solution (AMI Rescue) Guide

As an image-based OS recovery solution, it recovers to the initial status of shipment from factory when HDD of user cannot be booted from OS or it has problems.

Way to Use Recovery Solution (AMI Rescue)

1 Execution of Recovery Solution (AMI Rescue)

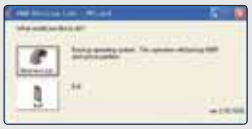
If viliv logo appears when booting the system (BIOS POST), press the F10 key 1-2 times.

▷ As the logo disappears, Pre-Boot Menu window appears.

2 Pre-Boot Menu

When selecting Normal Boot, booting proceeds to Windows. For recovering OS, select AMI Rescue and click Launch Service.

▷ AMI Rescue Lite-Wizard appears.



3 AMI Rescue Lite-Wizard

When clicking **Restore OS** button, a message that confirms the recovery of OS is displayed. If you press **Yes (Y)**, it starts the recovery of OS.

If the process of OS recovery is completed, a message that confirms the successful recovery is displayed. (Partition 0 on disk 0 was successfully restored.)

If you press **OK** button, the system is booted again automatically.

▷ Now, if you boot to Windows, OS will be in the initial status of shipment from factory.

Notice

- When recovering OS, recover by connecting battery adaptor.
- Since data is deleted in case of recovery, make sure to back up the data beforehand.
- Please wait for 20 sec when black screen is showing to prepare boot up the Windows VISTA.
- It will take a time more for Windows VISTA Users.

Specifications

The specifications below may be changed for enhancement of product performance without prior notice.

General Specifications

Product Name	S10
CPU & Chipset	Intel® Atom™ 1.60(Z530)Ghz + SCH US15W
LCD	10.1-type WXVGA(1366 x 768) / Multi Touch Panel
RAM	1GB
Storage	SSD 32GB
LAN	IEEE 802.11b/g
WWLAN (Optional)	HSDPA
Bluetooth	Bluetooth Ver2.0 + EDR
Connector	Earphone&MIC Combo Port x1, USB x2, USB(Link) x1, Multi I/O x1, SD/SDHC Slot x1, VGA x1
Audio	Stereo speakers
Battery	Lithium Polymer(Removable) Voltage : 7.4V Capacity : 5,550mAh
Camera	0.3Mega Pixel
Dimension	260(W) x 185(H) x 17~26(T) mm
OS	MicroSoft Windows
Operation Temperature	0°C ~ 40°C

S10

Memo

S10

Memo