Intel Atom Silverthorne 1.33Ghz
Superfine 4.8" Touch LCD with Virtual Haptic Keyboard
200 hours Standby Time
6 hours continuous movie Playback
Bluray HD Video Playback
HDD 30G/60G, Windows XP

Thank you for purchasing viliv.
Please read the Precautions before using the product.

viiiv 빌립

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※ There are differences in functions for each model.
  Please use the product after reading the contents corresponding to the relevant function. The contents of this manual may be changed or modified without the user's prior consent or prior notice to the user.

Contents…

CubeUI

Double-click the [S5 CubeUI] icon on the screen for operation.

░▶ Screen of Cube

ON/OFF for Wireless LAN
ON/OFF for Bluetooth
Set Vibration
Current Time
Volume
Enter into Standby Mode
Terminate CubeUI
External Power and Battery

17 : 23 Wednesday, February 25

Execution Icon

Weather Information

4°C / 36%
Seoul
Wed, 25 Feb

Entertainment
Internet
LBS & Navigation
Productivity
My Group

Cube Menu

Calendar

2009.02
SUN MON TUE WED THU FRI SAT

Set Wallpaper Skin

bg_01.jpg

Windows XP

Move to WINDOWS XP Wallpaper

Set Cube

Setting Vibration	Vibration effect can be set by the following 3 modes. ((×)) Do not set vibration. ((●)) Vibration is always on. ((═)) Vibration is on only when using the keyboard.
Just on	Enter into Standby Mode. (The cancellation of Standby Mode is same as turning on the power.)
Setting Wallpaper Skin	Change the wallpaper skin by using ◄► icon.
Setting Cube	Move to the screen for setting cube. (The execution icon can be set on each cube menu.)
ON/OFF for Wireless LAN	Turn on/off wireless LAN function. (Same as setting in vilivManager.)
ON/OFF for Bluetooth	Turn on/off Bluetooth function. (Same as setting in vilivManager.)
Execution Icon	Press the applicable icon and it will be executed immediately.
Wallpaper	Pressing WINDOWS icon to move to Windows XP Wallpaper.

CubeUI

⋙ Setting Cube

1. Screen for Setting Cube

When pressing [▦] icon on Cube screen, the screen for setting cube is selected.

2. Setting Cube

❶ Press the menu to be set from cube menu.

❷ Drag the corresponding icon, and insert into the vacant place in ❸.

Set other cube menus using the above setting method.

※ If the original icon on the wallpaper is deleted after inserting the icon in CubeUI, the corresponding icon in CubeUI will not be executed.

❸ To delete the corresponding icon in Cube, drag towards the wallpaper.

3. Movement of Cube Screen

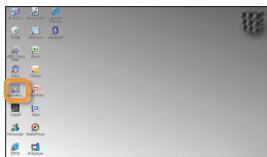When pressing [Edit] icon on Cube screen, the cube screen is selected.

Virtual Keyboard

∷ Using Virtual Keyboard

1. Execution of Virtual Keyboard

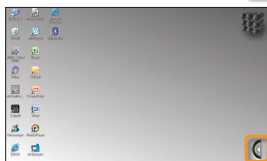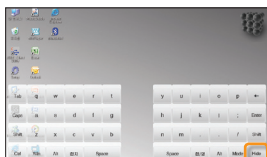Press the [ ] icon on the screen to run the virtual keyboard.

You can also press the [ ] button.

2. Hiding/Showing Virtual Keyboard

Press the [Hide] icon on the virtual keyboard to minimize the virtual keyboard into the [ ] icon.

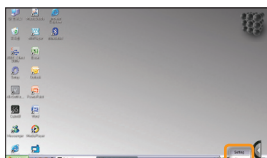Press the [ ] icon to bring it back to its original form.

3. Configuration Set-up and Termination

Right-click the [V] icon on the task bar and select [Setting].

[Setting] window will appear.

Terminate by selecting [Close].

Alpha : Move the alpha value to the left or right to adjust the transparency of the virtual keyboard.

User Key : Select whether or not the user-defined button will be used as a virtual keyboard.

・ Ctrl+Alt : While the virtual keyboard is used, set the user-defined button to operate when Ctrl and Alt button are pressed simultaneously.

・ Show/Hide : While the virtual keyboard is used, set the user-defined button to operate as Show/Hide Virtual Keyboard.
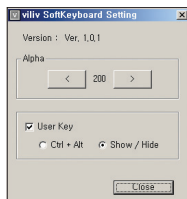
Virtual Keyboard

⬡ Virtual Keyboard Function
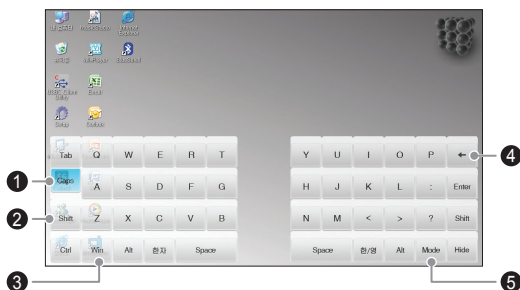
1	Caps	Supports capital letters. (Caps Lock)
2	Shift	Inputs capital letter.
3	Win	Executes start menu.
4	←	Backspace key.
5	Mode	Changes to number or special letter mode.

Notice

▪ When pressing ⌨ button while virtual keyboard is executed, it is executed the same as pressing Ctrl + Alt button together. (In case of setting for configuration set-up for virtual keyboard)

User Registration Button

Shortcut button for user registration software 🖳 of S5 terminal is registered in the virtual keyboard when it is shipped from the factory. To change to the desired software, set up as follows.

⠿ Set up for New Shortcut Button

1. Cancellation of Initial Factory Set-up

In configuration set-up, cancel the check mark of [User Key] to cancel the virtual keyboard set up when it is shipped from the factory.
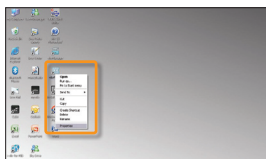
※ Caution: If the check mark of [User Key] is not cancelled beforehand, other applications cannot be registered as a user-defined button.

2. Set up for viliv Player (Example)

Select the icon of the application that you want to add.

Same as for cancellation, open the Properties window by clicking [🖳] or right-clicking on the terminal.
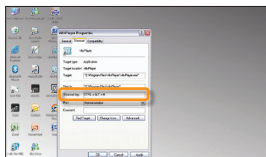

3. Set up for Set Value

Select [Shortcut > Shortcut Key] in Properties window.

By pressing 🖳 on the terminal, the set value is entered automatically by [Ctrl + Alt + H].

Save the changed value by pressing OK button.

Playing Video

Video Screen

- Volume
- Current Time
- Hide Window
- Terminate
- Select Play List
- Play Screen
- Move to File List Page
- Time Bar
- Play List
- Function Icon
- Volume Control
- Set Environment
- Processing Time/Time for Entire File
- Show/Hide Play List

Function Icon

	Play/Pause		Previous File
	Stop		Next File

Playing Video

❖ Detailed Function
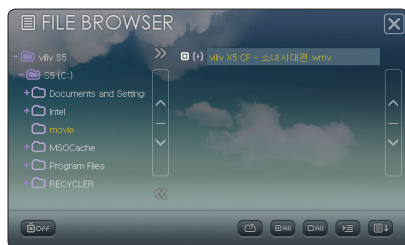
1. Search Browser ⏏

- 🔲OFF : Change Folder/File Selection Mode
- ⬆ : Move to Upper Folder
- ☑All : Select All
- ☐All : Cancel All
- ⊟ : Register on the Play List
- ⊟↓ : Sort
- ❌ : Terminate

Notice
- By touching ☐ check box in front of file name, individual selection can be made.
- On video search browser, only the formats which may be played are displayed.
  However, if the file format and codec for playing file do not match or the file has an error, it may be played, or the playing status may not be smooth.
- If folder/file selection mode is on, the selection is possible by only clicking folder/file name.

2. Play List ⊟

- ⓘ : File Information
- ✓🗑 : Delete by Selecting
- A🗑 : Delete All
- ⊟↑ : Sort in Descending Order of File Name
- ⊟↓ : Sort in Ascending Order of File Name
- ⏏ : Search Browser

Notice
- Double-touching the movie title on play list plays the movie immediately.

Playing Video

Procedure for Playing Video

1 Selection of Video Icon
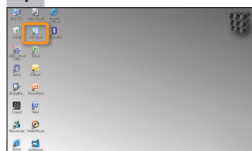
Double-touch **Video** icon.

2 Execution of Video Player

Execute video player.
Touch ⏏ icon.

3 Getting File
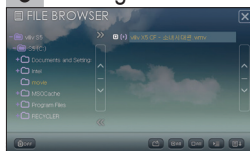
Execute the search browser.
Double-touch the folder that has
the video file.

4 Selection of File

Touch ☐ check box,
⊡All, or ☐All icon to select a file.
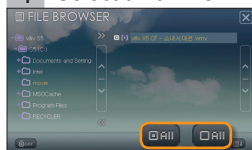
5 Registration of Play List
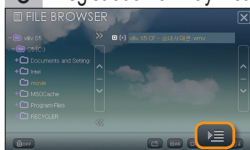
Touch ▤ icon.

6 Enjoying Video

After selecting a file from the play
list, touch ▶ icon or double-touch
the file on the play list to play.

7 Execution of Function

Enjoy the file on the play list by
using execution and function
icon.

8 Termination

Touching ☒ icon moves to the
main screen.

Notice

■ When double-touching the file you want on the file browser screen, all the files in the folder are registered on
the play list, and a double-touched file is played first automatically.

Playing Video

≋ Playing Video

1. Opening File (FILE BROWSER) ⏏

When the search browser is executed by touching ⏏ icon, tick the check box in front of the file and then touch ▤ icon to register the file on the play list.

Notice

▪ When double-touching the file you want on the file browser screen, all the files in the folder are registered on the play list, and a double-touched file is played first automatically.

2. Showing/Hiding Play List ▤

Touching ▤ icon shows or hides the play list.
- Double-touching a file on the play list plays a movie.
- After selecting a file, the movie is played even by touching, ▶ icon.

3. Time Bar

Dragging a time bar or touching a specific location moves the playing location.

4. Playing Previous/Next File ◄ : ►►

◄ : Play the upper file on the play list.
►► : Play the lower file on the play list.

5. Stopping Play ▢

It stops playing.

Playing Video

When touching ⚙ icon on the video main screen, setting screen for video configuration appears.
Change the value by using ◀▶ icon.

⁙ Setting Video Configuration
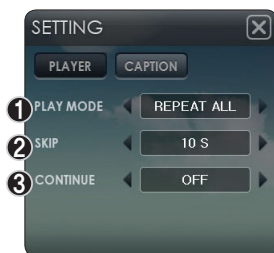
■ PLAYER

1. PLAY MODE

Set the play mode wanted by the user.

It can be set by PLAY ALL, REPEAT ALL, REPEAT ONE, or RANDOM

2. SKIP

While playing, move the direction button to the left or right in units of 1 second.

3. CONTINUE

ON : Play from the last location played for the corresponding file.

OFF : Play from the beginning of the corresponding file.

Playing Video

SETTING

PLAYER CAPTION

① LANGUAGE NONE
② SYNC 0.0 S
③ FONT SIZE 3 X
④ FONT COLOR white

■ CAPTION

1. LANGUAGE

In multiple language caption file, language selection and caption indication can be turned off.

2. SYNC

It is used if the video and caption do not match.

It can be adjusted in units of 0.5 second.

3. FONTSIZE

Set the font size.

It can be set by 1X, 2X, 3X, 4X, 5X, or 6X

4. FONTCOLOR

Set the font color.

It supports 15 colors.

Playing Music

Music Main Screen

Select Play List
Volume
Current Time
Hide Window
Terminate

Currently Playing File
Time Bar
Change of Screen Mode

Move to File List Page

File Information
Play List
Play List Function Icon
Function Icon
Show/Hide Advanced Functions
Volume Control
Set Configuration
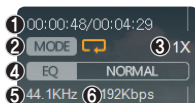
1. Play Time
2. Play Mode
3. Multiple Speed Play
4. Equalizer Mode
5. Sampling
6. Bit Rate

■ Function Icon

▶ ❙❙	Play/Pause	◀◀	Previous File
■	Stop	▶▶	Next File

■ Advanced Function Icon

A	Repeat the Interval	1X	1 Multiple Speed Play
	Retrieve from Bookmark	>	High Speed Real Multiple Speed Play
	Store to Bookmark	>>	Forward Multiple Speed Play
<<	Backward Multiple Speed Play	→	Hide Advanced Functions
<	Low Speed Real Multiple Speed Play	ADV.	Show Advanced Functions

Playing Music

⊗ Detailed Function
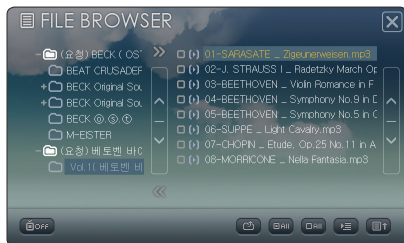
1. Search Browser ⏏

[📁OFF] : Change Folder/File Selection Mode

[📂] : Move to Upper Folder

[☑All] : Select All

[☐All] : Cancel All

[▤] : Register on the Play List

[▤↑] : Sort

[✕] : Terminate

Notice
- By touching ☐ check box in front of file name, individual selection can be made.
- On music search browser, only the formats which may be played are displayed.
  However, if the file format and codec for playing file do not match or the file has an error, it may be played, or the playing status may not be smooth.

2. Play List

[▾▦] : Delete by Selecting

[A▦] : Delete All

[▤↑] : Sort in Descending Order of File Name

[▤↓] : Sort in Ascending Order of File Name

[⏏] : Search Browser

Notice
- Double-touching the music file on play list plays the music immediately.

Playing Music

※ Advanced Functions
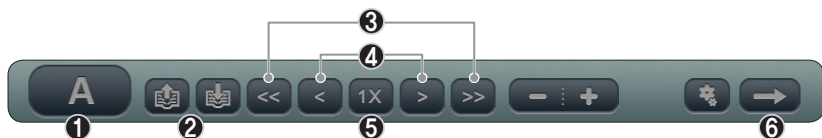
1. Repeating Interval

A : Set the starting location.

B : Set the ending location. ▶Start repeating the interval.

A-B : Start repeating the interval. (By touching it again, it stops repeating the interval.)

2. Bookmark

: Retrieve from the stored bookmark.

: Save the bookmark.

※ Retrieving from bookmark function is executed only in case of playing a file stored in the bookmark.

3. Multiple Speed Play

<< : Backward multiple speed play.
(Backward multiple speed play in the order of -2X, -5X, -10X, -20X, -30X)

>> : Forward multiple speed play.
(Forward multiple speed play in the order of 2X, 5X, 10X, 20X, 30X)

4. Real Multiple Speed Play

< : Low speed real multiple speed play.
(Low speed real multiple speed play in the order of 90X, 80X, 70X, 60X, 50X)

< : High speed real multiple speed play.
(High speed real multiple speed play in the order of 110X, 120X, 130X, 140X, 150X, 160X, 170X, 180X, 190X, 200X)

5. 1 Multiple Speed Play

1X : Indication of 1 Multiple Speed Play

6. Hide Advanced Functions

Playing Music

Procedure for Playing Music

1 Selection of Music Icon
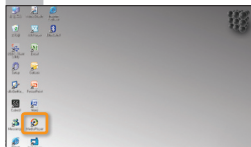
Double-touch **Music** icon.

2 Execution of Music Player

Execute music player.
Touch ⏏ icon.

3 Getting File
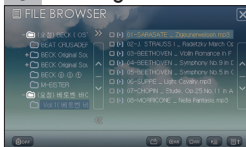
Execute the search browser.
Double-touch the folder that has
the music file.

4 Selection of File
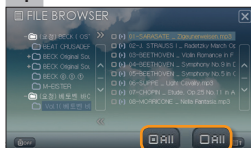
Touch □ check box,
⊡All, or ⊡All icon to select a file.

5 Registration of Play List

Touch ☰ icon.

6 Enjoying Music

Register on the play list.
Press ▶ icon to play the music
file.

7 Execution of Function
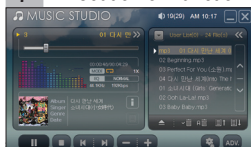
Enjoy the file on the play list by
using execution and function
icon.

8 Termination

Touching ☒ icon moves to the
main screen.

Playing Music

∷ Playing Music

1. Opening File (FILE BROWSER) ⏏

When search browser is executed by touching
⏏ icon, tick the check box in front of the file and
then touch ▤ icon to register the file on the
play list.

When double-touching the file you want on the file browser screen, all the files in the folder are registered
on the play list, and a double-touched file is played first automatically.

2. Changing Play File (Play List)

Double-touching a file on the play list plays the music.
After selecting a file, the music is played even by touching ▶ icon.

3. Time Bar

Dragging a time bar or touching a specific location moves the
playing location.
While playing, if the jog key of the terminal is moved to left or right,
it moves in the units of 5 seconds.

4. Playing Previous/Next File ◀◀ : ▶▶

◀◀ : Play the upper file on the play list.
▶▶ : Play the lower file on the play list.

While playing, if the jog key of the terminal is moved up or down,
the file on the upper or lower side will be played.

5. Stopping Play ■

Playing Music

When touching ![icon] icon on the music main screen, setting screen for music configuration appears.

⋙ Setting Music Configuration

---

1. PLAY MODE

Set up the play mode

It provides ![icon] Play All / ![icon] Repeat Playing All / ![icon] Repeat One Song / ![icon] Random Play functions.

---

2. Spectrum Mode

Set up the spectrum mode wanted by the user.

It provides ![icon] NORMAL / ![icon] DOWN / ![icon] UP functions.

---

3. Spectrum Color

Set up the spectrum color wanted by the user.

Playing Music

▒ Changing to Screen Mode

1. Advanced Spectrum Mode

Touching 〉〉 icon moves the screen to advanced spectrum mode.

Touching 《《 icon on advanced mode screen returns the screen to general mode.
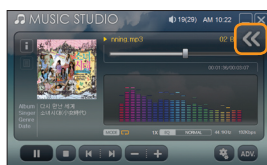
[General Mode]   [Advanced Mode]

2. Advanced Play List Mode

Touching 《《 icon moves the screen to advanced play list mode.

Touching 《《 icon on advanced mode screen returns the screen to general mode.

[General Mode]   [Advanced Mode]

vilivManager

It is executed by double-clicking [⬛ vilivManager] icon on the screen.

▒ Setting vilivManager
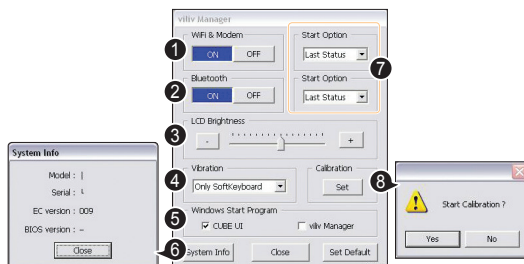
1	WiFi & Modem	Turns on/off built-in wireless function.
2	Bluetooth	Turns on/off built-in Bluetooth function.
3	LCD Brightness	Adjusted by status bar or -,+ button.
4	Vibration	1. Not Use: Don't vibrate. 2. Only SoftKeyboard: Use only when using soft keyboard. 3. Always: Use whenever using touch.
5	Windows Start Program	1. Sets whether to execute CubeUI automatically or not. 2. Sets whether to execute viliv Manager or not.
6	System	Confirms system information.
7	Start Option	1. OFF: Always starts by turning it off. 2. Last Status: Starts by the last status used. 3. ON: Always starts by turning it on.
8	Calibration	If setting the touch coordinates of S5 is needed, execute touch calibration by pressing Set.

Setting Up BIOS

Set-up is a configuration utility that sets up the system configuration for the user.
Bios is delivered by optimizing this configuration. Therefore, do not change this configuration unless it is an unavoidable case.

∷ Screen for Setting Up BIOS

Set-up Menu
Help
Set-up Items
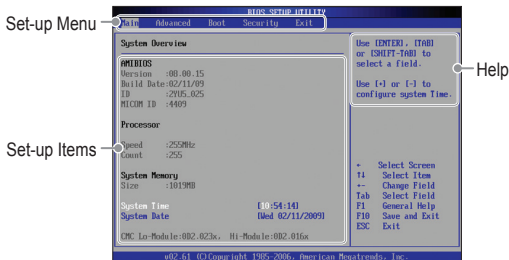
■ Set-up Menu

Main	Displays basic specifications for the system, and you can change the date.
Advanced	Sets up the configuration related to disk and chipset.
Boot	Sets up the content related to booting such as booting priority.
Security	Can set up or change the password.
Exit	Menu related to terminating set-up.

■ Keys Used in Set-up

Jog Key (Up/Down)	Moves to upper or lower items.
Jog Key (Left/Right)	Moves to other menu.
Jog Key (Select) Use Keyboard (F10)	Saves the changed content and terminates set-up.
OK Button Use Keyboard (Enter)	Selects the item and displays sub-menu.
⊏ Button Use Keyboard (ESC)	In sub-menu, it moves to the upper menu or exit menu.
Func Button Use Keyboard (F1)	Displays the help for set-up.

Notice

▪ When entering numbers or letters, you must use an external keyboard.

Setting Up BIOS

Before you begin:

o Set-up is used for changing booting priority in case of booting BIOS, setting up or changing password, and so on.

o The content of set-up can be changed due to reasons such as improvement of product.

Entering BIOS Set-up

1	Turn on the power of product.
2	When the booting screen (viliv logo) appears, press [MENU] button or [Del] key for external keyboard.
3	After a few seconds, the initial set-up screen appears.

Setting Up BIOS

⁘ Setting up Booting Priority for Booting Device
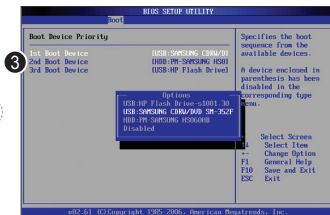
1	Enter into Boot menu on the set-up.
2	Press OK or Enter key on [Boot Device Priority] item.
	Press OK or Enter key on [1st Boot Device] item to select the booting device with the highest priority.
3	Press OK or Enter key on [2nd Boot Device] item to select the booting device with the 2nd highest priority.
	Press OK or Enter key on [3rd Boot Device] item to select the booting device with the 3rd highest priority.
4	After saving the contents set up by pressing F10 key, boot again.

Notice

- If there are no booting devices other than hard disk, above [2nd Boot Device] and [3rd Boot Device] do not appear.
- If booting cannot be made by the first booting device, it attempts booting by the send booting device.

Setting Up BIOS

When setting up the password, the password must be entered when you turn on the computer or execute the set-up. Therefore, the password must be set up very carefully.
Make sure to remember the password when you set up.

❊ Setting up Booting Password

When setting or changing booting password, a keyboard is needed.

1. Setting up Supervisor Password

When setting up supervisor password, no users except the supervisor can use the computer.

1) Move to Security menu on the set-up.

2) Press Enter or OK key on Change Supervisor Password item.

3) For 'Enter New Password' prompt, enter the password and press Enter or OK. Enter the password one more time, and press Enter or OK.

   ※ For a password, 6 or less alphanumeric digits can be used, but special letters cannot be used.

4) When 'Password Installed' appears, press Enter or OK.
   Set-up is completed.
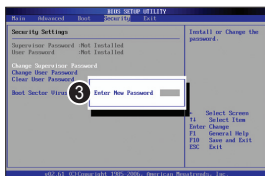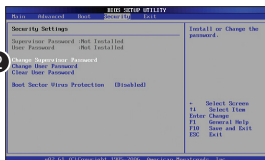
2. Setting up User Password

The use of user password is limited compared to supervisor password.
Depending on the user access level set up by supervisor, the change of items on the set up may be impossible.

After entering Enter or OK on Change User Password item, proceed in the same way as described in 3) of Setting up Supervisor Password.

3. Cancelling Password

1) Press Enter key on the password item to be deleted.

2) For 'Enter New Password', press Enter or OK key only without inputting any keys.

3) The password is cancelled with Password Uninstalled message.

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 select button of product's jog key 1-2 times or F10 key if external keyboard is connected.

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.
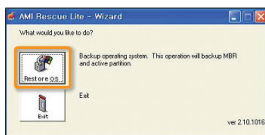
Notice
▪ When recovering OS, recover by connecting battery adaptor.
▪ Since data is deleted in case of recovery, make sure to back up the data beforehand.

Connection of S5

This port is for advanced users only. Other users are not recommended to use this feature because it may not work properly with a regular USB cable. We recommend you to use the data link cable for PC to PC connection instead.

⸭ Way to Connect S5

1. Confirmation of S5 Set-up (S5)

Execute [USBC Client Utility] on the screen to confirm the mode of Advance tab.

It must be set to RNDIS only.
※ **Do not connect S5 to PC.**

Description of Mode
- MSD(Mass Storage Device) and RNDIS
  It operates by large-capacity storage device and network drive.
- RNDIS only
  It operates as a network drive mode. (This mode is set when shipping from factory.)
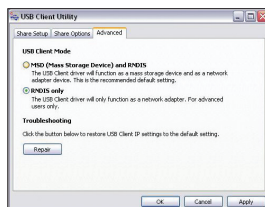
PC

2. Installation of Driver on Host PC

Install the driver by executing [vilivConnect.exe] on the host PC to be connected.

※ This software can be downloaded from myviliv homepage (www.myviliv.com).

※ Before installing the driver to host PC, do not connect to S5 terminal.
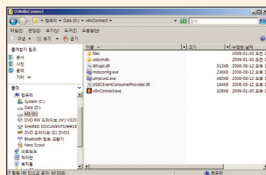
3. Execution of Connection Wizard

1) After installation, select [Yes] to execute Host Wizard.

2) Press [Next].

   ※ **Before pressing [Next], make sure to connect S5 terminal and PC.**
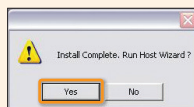
3) After connecting S5 terminal, confirm that device driver is installed on PC automatically.

Connection of S5

PC

4. Execution of Connection Wizard

By pressing [Next] of Host Wizard, configuration is processed automatically.

After automatic configuration is completed, press [Next] to connect the network driver.

5. Connection of Network Driver

Select network driver name and folder to be connected.

❶ Select network drive.
❷ Select folder to be connected.
❸ When checked, it is connected automatically if connected again.

6. Confirmation of Network Driver Connection

After connecting network driver, confirm that icon and driver of tray are created.
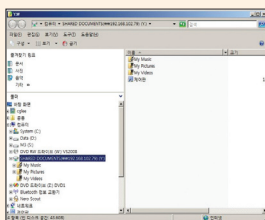
Connection of S5

⚙ FAQ

1. Way to reinstall driver to S5 when connection fails

    1) Right-click the mouse on My Computer. Select
      [Properties > Hardware > Device Manager].

    2) Remove [Inter(R) USB Client Ethernet Device] driver on
      network adaptor item.

    3) Reinstall Usbc32client.

      ※ Download the driver from homepage (www.myviliv.com).

    4) Reinstall Intel(R) USB Client Utility.

      ※ Download the driver from homepage (www.myviliv.com).

    5) Start the set-up for S5 connection from the beginning again.
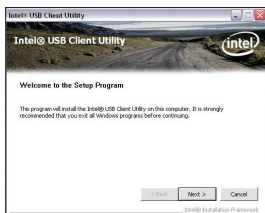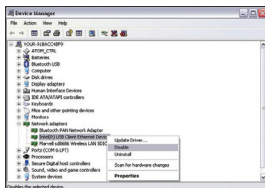
Connection of GPS

Way to Connect GPS

1. Manual Set-up for GPS

How to set up GSP for applications that need GPS set-up such as navigation software.

For set-up method, select manual.

Baud rate : 9,600 Bps

Serial Port : COM1

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