USB Mass Storage Disk

Security Program

User Manual

Partition Type

We can partition the UMSD into three types of disk. We will use the following terminologies in this guide,
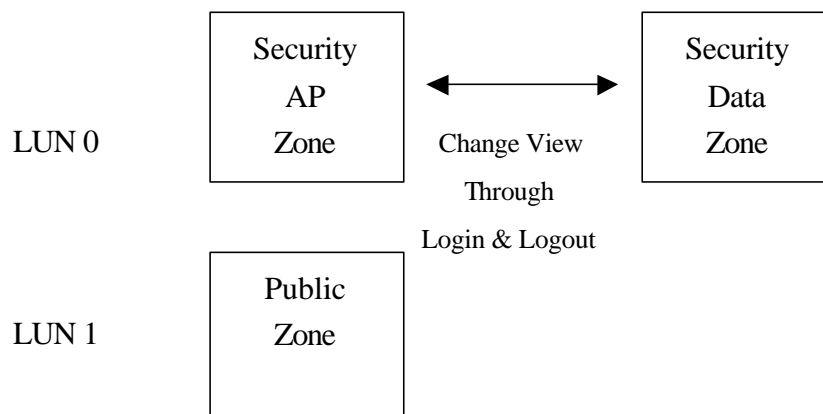
1. Public Zone — There is no "Security" function at all. You can do any basic functions, described in the "Basic Functions" section, in this area.

2. Security AP Zone — This area will be used for some useful application software. For example, the application software and boot up program, etc. However, you can do any basic functions, described in the "Basic Functions" section, also in this area.

3. Security Data Zone — This area can not be viewed without the application software. Once you do the "Log In" action in the application software, you will switch view from "Security AP Zone" to "Security Data Zone". After switched successfully, you can do any basic functions, described in the "Basic Functions" section, also in this area.

☞ You can only view either of the "Security AP Zone" or "Security Data Zone" at the same time.

In UMSD, you can select the following partition combinations:

1. Single Public Area — Make all the device area accessible by everybody.

2. Security Area — Make the device area into two partitions, Security AP Zone and Security Data Zone. The Security AP Zone can be accessed by everybody. The Security Data Zone can be accessed "Only" with a password.

3. Public Area Plus Security Area — Will be available in the near future.

LUN 0

```
Security          Change View          Security
AP            <--------------->          Data
Zone            Through             Zone
```

Login & Logout

LUN 1

```
Public
Zone
```

This figure shows the detail operation of the partition type.

Using the SoftwareOn the Windows Platform
Installing/Uninstalling the Application Software:

Installing the software:
If you are installing the application software onto Windows OS, you must first log on as the administrator and then install the application software.

Precaution about the USB Interface
Ensure that you install the application software from the CD-ROM or Floppy onto the computer before you attach the UMSD to the computer's USB port. If you attach the UMSD to the USB port after installing the application software, it will automatically select the correct USB driver. If you already plugged the UMSD to the USB port, then install the application software. Some OS system, like Windows 98 SE, needs to unplug the UMSD and plug again in order to use the correct driver.

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1. Find the "Setup1.2.exe" program.
   You can find the program in the UMSD, CD-ROM, or Floppy.

2. Double-click the [Setup1.2] icon.
3. Follow the on-screen instructions to proceed.

Uninstalling the software:
To remove the installed software, you can click the windows [Start] menu and select [Setting], [Control Panel] and [Add/Remove Programs]. The application software can also be uninstalled by clicking the [Start] menu and selecting [Programs], [UMSD], [Uninstall UMSD 1.2].

Notes:
➢ The USB driver only needs to be installed the first time the UMSD is connected via the USB port. Installation is not required from the second time onward.
➢ Do not cancel the installation during the procedure. The UMSD may not operate correctly if the installation is incomplete.
➢ Read the "Troubleshooting" Section if the installation cancels itself during the procedure, if the installation did not proceed as described, or if you feel that the driver are not properly installed.

Installing the USB Driver:
In some Windows system, users should log on as the Administrator before installation. Once you have attached the UMSD to the computer. The OS will find the appropriate driver or the "Add New Hardware Wizard" dialog will appear after a moment. You can do the installation of the Driver manually. Or just find out the "Setup1.2.exe" program to do the driver installation.

During the installation procedure, if the "Digital Signature Not Found" message displays, just click the [Yes] button in the showing window.

Using UMSD.exe Program the First Time:

After you installed the software and driver correctly, the UMSD icon will appear in the notification area automatically.

The UMSD.exe will perform different ways depends on the partition type of the UMSD device. If the icon did not appear automatically, you can

➢ You can use the right button of your mouse to pop up the selection menus as the following figures. The active selection item will depend on the partition type of the UMSD device. For example, the defaults partition type is "Single Public Area". You will see the following menu.
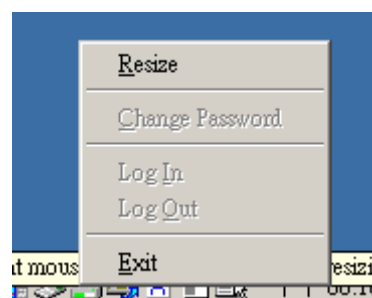
If the partition type of the UMSD device is "Security Area Only", you will see the menu as,

➢ If the device partition type contains "Security", you can double click the UMSD icon in the notification window. The "Unlock Protect" window will be popped up as,
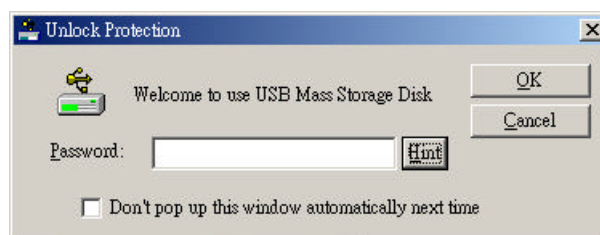

This "Unlock Protect" Window will pop up automatically once your device plug into

the USB port if the device partition type contains "Security".
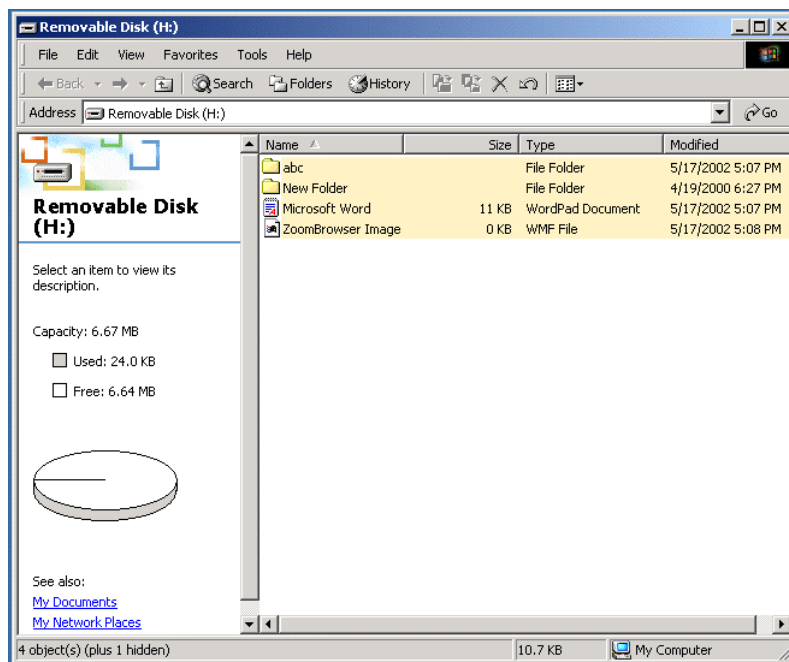
Login the Security Data Zone:

1. Double click the UMSD icon in the notification window or select the [Login] selection of the UMSD menu. The "Unlock Protect" window will be popped up.
2. Key in the password in the "Password" area. The default password is "**0 0 0 0**".
   - ➢ You can create the password hint in the "Unlock Protect" window. Once you had created the password hint, you can click on the "Hint" button in the "Unlock Protect" window to prevent you forget the password.
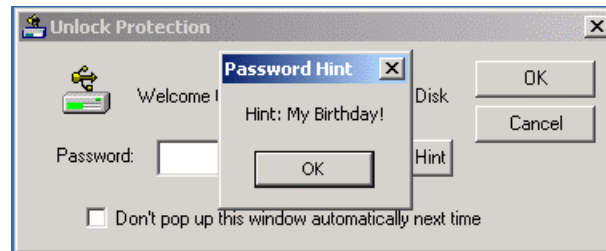
   - ➢ You have three tries to input the password. After three tries, the following message will popped up. And you have to unplug and plug the device in order to do future action.
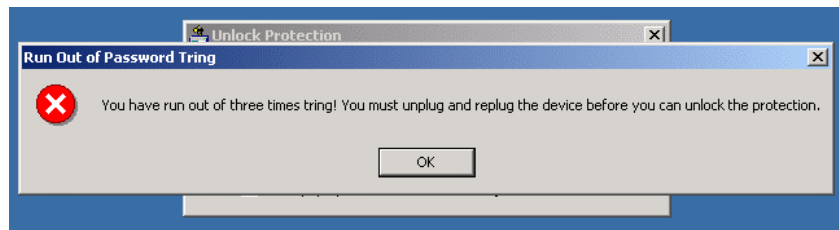
3. Click on the "OK" button.
4. Once the file manager window contains the "Security Data Zone" was popped up, you can do the operation you want with the Security Data Zone. The file manager window will be like the following figure. The background is colorful.
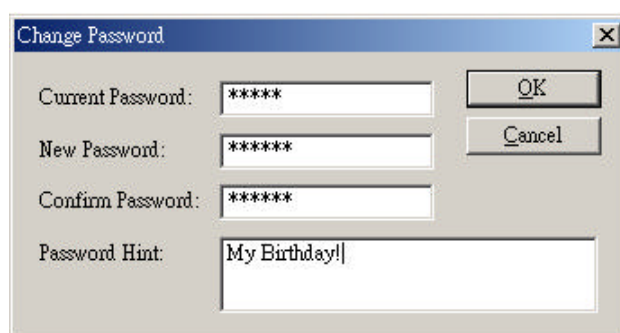
Logout the Security Data Zone:
1. Double click the UMSD icon in the notification window or select the [Logout] of the UMSD menu.
2. Once the file manager window contains the "Security AP Zone" was popped up, you can do the operation you want with the Security AP Zone.

Change Password:

User can change password and key in the password hint using the "Change Password" selection in the UMSD menu. You can only select this item in "Security AP Zone".
1. Click the UMSD menu in the notification window using the right button of your mouse and select the [Change Password] selection of the UMSD menu. The following "Change Password" window will be popped up.

2. Key in your current password in the "Current Password" area. The default password is 4-digit and all are 0. After you "Resize" the UMSD, the password will be set to the default password.
3. Then, key in your new password and confirm in the "Confirm Password" area.
   ➢ The maximum size of the password is 8 characters.
4. You can key in the hint of your new password in the "Password Hint" window. This hint will be displayed when you click the "Hint" button in the "Unlock Protect" window.
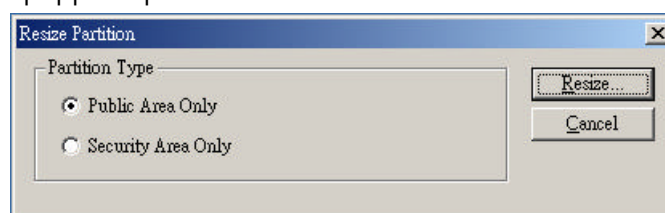
Resize:

As described in the "Partition Type" section, you can do the "Resize" action to your UMSD.

⚠ **Warning** The "Resize" action will erase all the data or files existing in UMSD. The action is not reversible. You have to backup all the important files or data. Also, please close all the active program and windows on the screen of your computer.

1. Click the UMSD menu in the notification window using the right button of your mouse and select the [Resize] of the UMSD menu. The following "Resize Partition" window will be popped up.

2. Select the partition type you want.
3. If you select the "Public Area Only", then click the [Resize] button. The "Confirmation" window will be popped up. Please make sure you already backup all the important files or data.
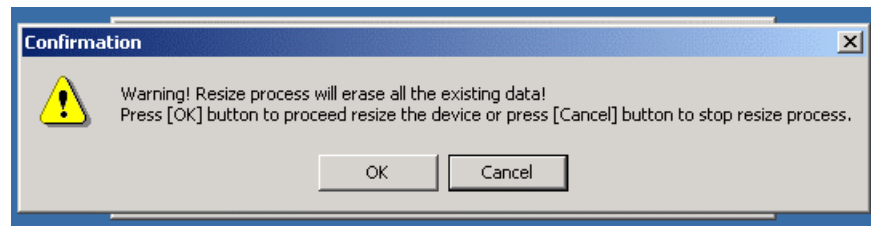
➢ After you resize the device, there is a program call "Setup.exe" will be copied into the "Public Area" automatically. This program is the same as "Setup1.2.exe". You can install the application software using this "Setup.exe" program. Of course, you can delete it. If so, when you want to use the application software in another computer, you have to bring your CD-ROM or floppy with you.

4. If you select the "Security Area", then the following "Security Area Resize" window will be popped up. You can drag the scroll bar in the middle of the window to set the size of the "Security AP Zone" and "Security Data Zone". Or you can type in the size of each Zone you want in the "Size" window. After you finished the setting, click the [Resize] button. The "Confirmation" window will be popped up. Please make sure you already backup all the important files or data.
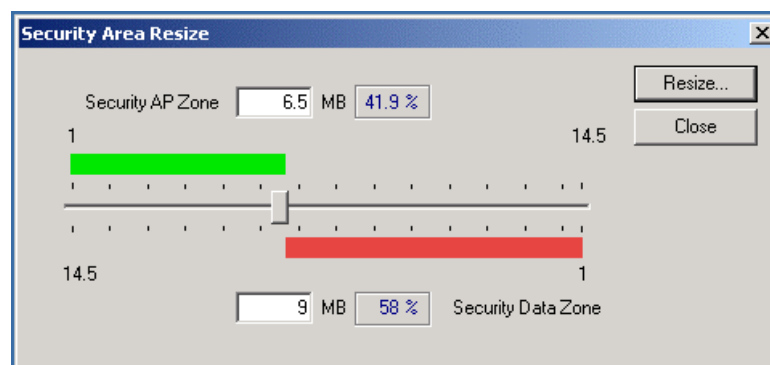
5. Once the resize finished, the following message will be popped up.
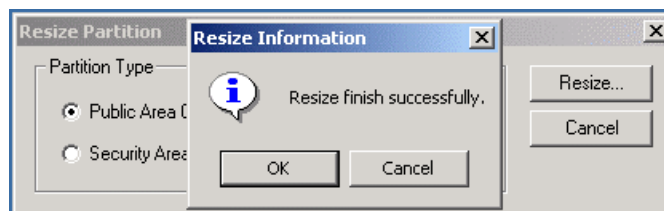
➢
➢ After you resize the device, there is a program call "Setup.exe" will be copied into the "Security AP Zone" automatically. This program is the same as "Setup1.2.exe". You can install the application software using this "Setup.exe" program. Of course, you can delete it. If so, when you want to use the application software in another computer, you have to bring your CD-ROM or floppy with you.