

**FURUNO**

# **INSTRUCTION MANUAL**

## **DATA EXTRACTION PROCEDURE**

Model VR-7000/VR-7000S

**DO NOT OPEN**

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# ABOUT THIS MANUAL

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## Overview

This manual provides the instructions for extracting the data from the DCU and DRU with the Live Player V5.

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- Java is a registered trademark of Oracle and/or its affiliates.

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# 1. INSTALLATION

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The Live Player V5 is a software program that installs in a PC, and functions to monitor and playback the data collected in the VR-7000/7000S's DRU, Long Term Device of the Data Collecting Unit (DCU). Install the Live Player V5 in a PC using the program CD (supplied).

## 1.1 Installable PC

The Live Player V5 is compatible with the OS (Operating System) shown below. The OS language should be English or Japanese. The Live Player V5 may not operate properly on the PC with other OS and language.

- Windows®10 (64 bit)
- Windows®8.1 (32 bit, 64 bit)
- Windows®7 (32 bit, 64 bit)

### Required specifications for replay PC

- CPU: Pentium 350 MHz (or equivalent) or higher
- RAM: Minimum 1 GB
- HDD: Minimum 250 GB
- Screen resolution: XGA or higher (More than SXGA (1280x1024) recommended)
- CD-ROM drive (internal or external)
- LAN port
- USB port (2.0 compatible)
- DirectX®9.0c or higher
- Java® (If there is no Java® in the PC, download and install the latest Java® program from the Internet.)
- Microsoft® Visual C++® 2005 SP1 (x86) or later

**Note:** Before you connect a PC to the VDR, set the IP address and subnet mask on the PC (see section 1.2).

## 1.2 How to Install the Live Player V5 and Set Up the PC

The software program for the Live Player V5 is included in the program CD. Follow the appropriate procedure, depending on your OS. The procedure is comprised of the following two steps.

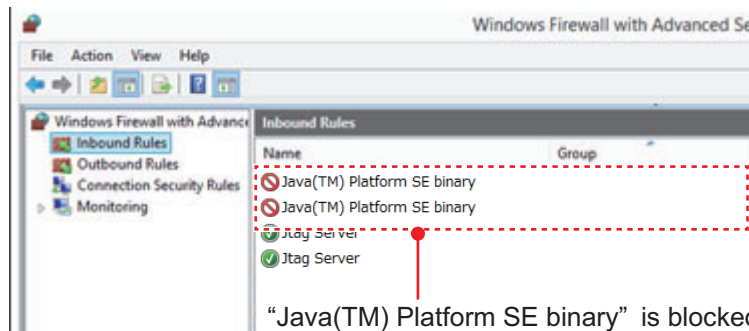
- Install the software.
- Set the IP address and subnet mask of the PC.

**Note:** The Live Player V5 version 1.20 or later is not compatible with version 1.10 or earlier. Therefore, the program CD has install programs for both latest version and version 1.10. If the Live Player V5 version 1.10 or earlier has been installed in your PC, uninstall the Live Player V5 before installing.

## 1. INSTALLATION

### **Firewall software block setting**

Confirm that “JAVA (TM) Platform SE binary” is not blocked by the Firewall. If blocked, enable “JAVA (TM) Platform SE binary”. When “JAVA (TM) Platform SE binary” is blocked, the Live Player V5 cannot connect with the VDR.



To confirm the firewall settings, open the [Windows Firewall with Advanced Security] dialog box as follows:

- **Windows<sup>®</sup>7:** [Start] button > [Control Panel] > [Windows Firewall] > [Advanced settings] > [Inbound Rules]
- **Windows<sup>®</sup>8.1:** Open the desktop > Move the mouse pointer to the bottom right edge of the screen > [Settings] > [Control Panel] > [System and Security] > [Windows Firewall] > [Advanced settings] > [Inbound Rules]
- **Windows<sup>®</sup>10:** [Start] button > [All Apps] > [Windows System] > [Control Panel] > [System and Security] > [Windows Firewall] > [Advanced settings] > [Inbound Rules]

### **1.2.1 Windows<sup>®</sup>7**

#### **Install the software**

1. Insert the supplied program CD into the CD drive.
2. Run "view.exe" on the program CD to show the [Setup-VR-7000] dialog box.
3. Click the [Next] button.
4. Confirm that the install location is "C:\Program Files\*\FURUNO" then click the [Next] button.  
\* Folder name for 32 bit. "Program Files(x86)" for 64 bit.
5. Click the [Yes] button.
6. Click the [Next] and [Install] buttons to install the software.
7. After the installation is completed, the message "Yes, restart computer now" is checked. Click the [Finish] button to complete the installation and restart the PC.

#### **Set the IP address and subnet mask**

1. Click the [Start] button then click [Control Panel].
2. In the search box, type adapter.
3. Under [Network and Sharing Center], click [View network connections].
4. Right click the connection to change, and then click [Properties].
5. Click the [Networking] tab. Under [This connection uses the following items], click [Internet Protocol Version 4 (TCP/IP v4)] then click [Properties].
6. Click the [Use the following IP address] button.

7. Enter the IP address and subnet mask of the PC:

#### **For data extraction from the DCU**

- Port J502 (DATA) of the DCU is connected to port J17:  
IP address: 172.31.16.201 or 172.31.16.202  
Subnet mask: 255.255.0.0  
**Note:** The IP address of the VR-7000/7000S is 172.31.16.200.
- Port J502 (DATA) of the DCU is connected to port J26:  
IP address: 10.0.0.101 or 10.0.0.102  
Subnet mask: 255.0.0.0  
**Note:** The IP address of the VR-7000/7000S is 10.0.0.100.

#### **For data extraction from the DRU**

IP address: 10.0.0.102 or 10.0.0.99 (other than 10.0.0.140 and 10.0.0.150)  
Subnet mask: 255.0.0.0

8. Click the [OK] button and then click the [Close] button.
9. Restart the PC.

## **1.2.2 Windows®8.1**

### **Install the software**

1. Insert the supplied program CD into the CD drive.
2. Run "view.exe" on the program CD to show the [Setup-VR-7000] dialog box.
3. Click the [Next] button.
4. Confirm that the install location is "C:\Program Files\*\FURUNO" then click the [Next] button.  
\* Folder name for 32 bit. "Program Files(x86)" for 64 bit.
5. Click the [Yes] button.
6. Click the [Next] and [Install] buttons to install the software.
7. After the installation is completed, the message "Yes, restart computer now" is checked. Click the [Finish] button to complete the installation and restart the PC.

### **Set the IP address and subnet mask**

1. Move the mouse cursor to the bottom or top right corner of the screen and select the cog icon for [Settings].
2. Select [Control Panel].
3. In the [Control Panel] window, select [Category] and then select Large or Small icons.
4. Select [Network and Sharing Center].
5. Select [Change adapter settings].
6. Right click on your connected network and select [Properties].
7. Select [Internet Protocol Version 4 (TCP/IP v4)] then click [Properties].
8. Click the [Use the following IP address] button.

## 1. INSTALLATION

9. Enter the IP address and subnet mask of the PC:

### **For data extraction from the DCU**

- Port J502 (DATA) of the DCU is connected to port J17:  
IP address: 172.31.16.201 or 172.31.16.202  
Subnet mask: 255.255.0.0  
**Note:** The IP address of the VR-7000/7000S is 172.31.16.200.
- Port J502 (DATA) of the DCU is connected to port J26:  
IP address: 10.0.0.101 or 10.0.0.102  
Subnet mask: 255.0.0.0  
**Note:** The IP address of the VR-7000/7000S is 10.0.0.100.

### **For data extraction from the DRU**

IP address: 10.0.0.102 or 10.0.0.99 (other than 10.0.0.140 and 10.0.0.150)  
Subnet mask: 255.0.0.0

10. Click the [OK] button and then click the [Close] button.
11. Restart the PC.

## **1.2.3 Windows® 10**

### **Install the software**

1. Insert the supplied program CD into the CD drive.
2. Run "view.exe" on the program CD to show the [Setup-VR-7000] dialog box.
3. Click the [Next] button.
4. Confirm that the install location is "C:\Program Files(x86)\FURUNO" then click the [Next] button.
5. Click the [Yes] button.
6. Click the [Next] and [Install] buttons to install the software.
7. After the installation is completed, the message "Yes, restart computer now" is checked. Click the [Finish] button to complete the installation and restart the PC.

### **Set the IP address and subnet mask**

1. Right-click on the icon in the bottom-left corner of the screen to open the [Quick Access] menu.
2. Click the [Control Panel] option on the [Quick Access] menu to open the [Control Panel].
3. In the [Control Panel] window, select [Category] and then select Large or Small icons.
4. Select [Network and Sharing Center].
5. Select [Change adapter settings].
6. Right click on your connected network and select [Properties].
7. Select [Internet Protocol Version 4 (TCP/IP v4)] then click [Properties].
8. Click the [Use the following IP address] button.



9. Enter the IP address and subnet mask of the PC.

#### **For data extraction from the DCU**

- Port J502 (DATA) of the DCU is connected to port J17:  
IP address: 172.31.16.201 or 172.31.16.202  
Subnet mask: 255.255.0.0  
**Note:** The IP address of the VR-7000/7000S is 172.31.16.200.
- Port J502 (DATA) of the DCU is connected to port J26:  
IP address: 10.0.0.101 or 10.0.0.102  
Subnet mask: 255.0.0.0  
**Note:** The IP address of the VR-7000/7000S is 10.0.0.100.

#### **For data extraction from the DRU**

IP address: 10.0.0.102 or 10.0.0.99 (other than 10.0.0.140 and 10.0.0.150)  
Subnet mask: 255.0.0.0

10. Click the [OK] button and then click it again on the next screen.
11. Restart the PC.

## **1.3 How to Start the Live Player V5**

Select the Live Player V5 program version according to the VDR program version. When the Live Player V5 program version is not compatible with the VDR program version, the Live Player V5 does not work properly.

- When the VDR program version is “01.20” or later:  
Use the latest version of the Live Player V5 ([Live Player V5 (xx.xx)] (xx.xx: 01.20 or later)).
- When the VDR program version is “01.10” or earlier:  
Use the Live Player V5 version 01.10 ([Live Player V5 OLD (01.10)]).

#### **How to start the latest version of the Live Player V5**

- **Windows<sup>®</sup>7:** [Start] button > [All Programs] > [VR-7000] > [Live Player V5 (xx.xx)] (xx.xx: 01.20 or later)
- **Windows<sup>®</sup>8.1:** [Start] screen > Right click a blank part of screen then select [All Apps] > click “VR-7000” > [Live Player V5 (xx.xx)] (xx.xx: 01.20 or later)
- **Windows<sup>®</sup>10:** [Start] menu > [All Apps] > [VR-7000] > [Live Player V5 (xx.xx)] (xx.xx: 01.20 or later)

#### **How to start the Live Player V5 version 01.10**

- **Windows<sup>®</sup>7:** [Start] button > [All Programs] > [VR-7000 Previous Version] > [Live Player V5 OLD (01.10)]
- **Windows<sup>®</sup>8.1:** [Start] screen > Right click a blank part of screen then select [All Apps] > click [VR-7000 Previous Version] > [Live Player V5 OLD (01.10)]
- **Windows<sup>®</sup>10:** [Start] menu > [All Apps] > [VR-7000 Previous Version] > [Live Player V5 OLD (01.10)]

## 1. INSTALLATION

**Note 1:** When one of the following symptoms occurs, reboot the Live Player V5.

- A Java® related error occurs and Live Player V5 shuts down.
- The Live Player V5 shuts down when maximizing or minimizing a dialog box.
- The track list does not appear (source selected from [Source Select] window; [Analyze] button clicked) after several minutes.

**Note 2:** If the PC requests a restart while the Live Player V5 is starting up, restart the PC.

**Note 3:** If there is audio or video in Live play, activate [Network Interface Select] checkbox on the [Source Select] dialog box, then select the LAN port that is connected with the VR-7000/S.

## 1.4 How to Uninstall the Live Player V5

Login as the administrator to uninstall the Live Player V5.

### 1.4.1 Windows®7

1. Click [Start] button > [Control Panel] > [Programs] > [Programs and Features].
2. Select "VR-7000" then click [Uninstall].
3. Delete the VR-7000 folder saved in the [My Computer] > [Local Disk (C:)] > [Program Files\*\FURUNO] folder.  
\* Folder name for 32 bit. "Program Files(x86)" for 64 bit.

### 1.4.2 Windows®8.1

1. Hover the cursor in the bottom-left corner of the screen until a small image of the Start Screen appears, then right-click on the icon to open the [Start Context] menu. Select [Programs and Features] menu then [Select Programs and Features].
2. Select "VR-7000" then click [Uninstall].
3. Delete the VR-7000 folder saved in the [My Computer] > [Local Disk (C:)] > [Program Files\*\FURUNO] folder.  
\* Folder name for 32 bit. "Program Files(x86)" for 64 bit.

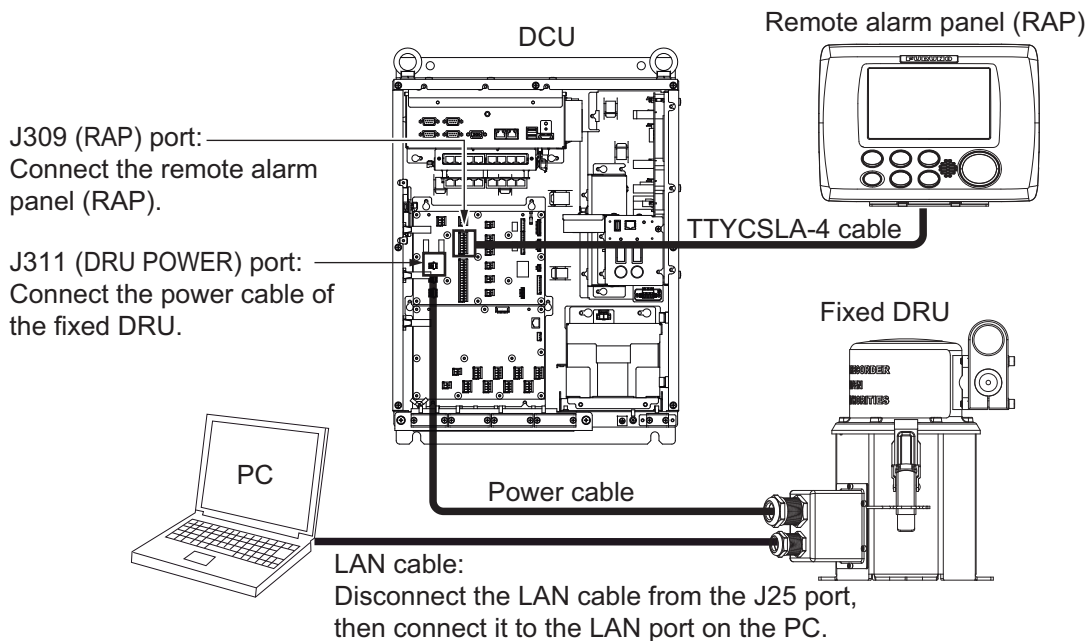
### 1.4.3 Windows®10

1. Click on the icon in the bottom-left corner of the screen, then select the [Settings] menu. Click the [System] menu then the [Apps & features].
2. Select "VR-7000" then click [Uninstall].
3. Delete the VR-7000 folder saved in the [My Computer] > [Local Disk (C:)] > [Program Files(x86)\FURUNO] folder.

# 2. DATA EXTRACTION FROM FIXED DRU

## 2.1 No Damage to the DCU or Cables

1. Make the connections shown below.

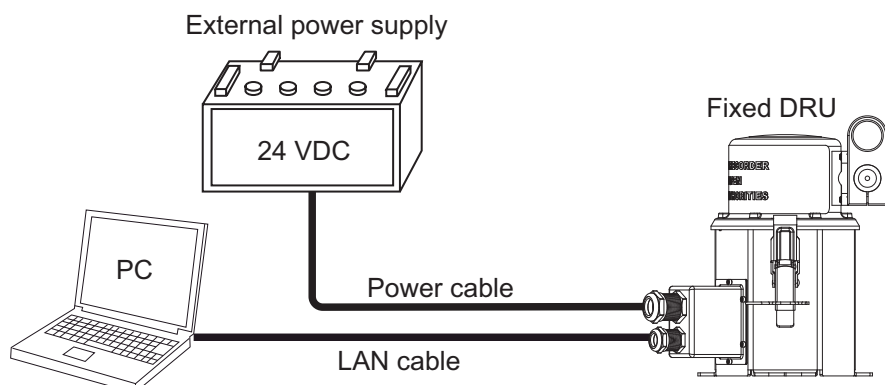


2. Wait until the alert 412176 “FixedDRU is stopped from recovering” appears on the remote alarm panel. This takes approx. 10 minutes.
3. Activate the Live Player V5 on the PC to extract the data.  
For how to extract the data, see chapter 5. After extracting the data, reconnect the cables.

## 2.2 Damage to the DCU

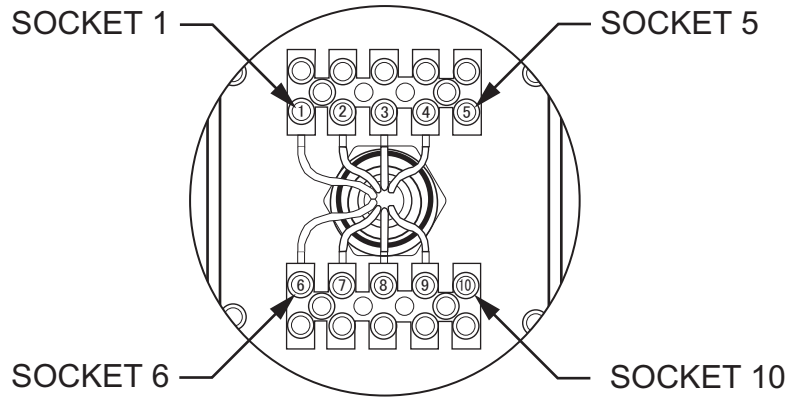
When the DCU is damaged, or you remove the fixed DRU to extract the data on shore, prepare the external power supply (24 VDC) for the fixed DRU.

1. Make the connections shown below.



## 2. DATA EXTRACTION FROM FIXED DRU

The signals of the terminal board in the fixed DRU are shown below.



**Terminal board in the fixed DRU (front view)**

| Socket number | Signal | Cable         |
|---------------|--------|---------------|
| 1             | 24 V   | Power cable   |
| 2             | 24 V   | No connection |
| 3             | 0 V    | Power cable   |
| 4             | 0 V    | No connection |
| 5             | N/C    | No connection |
| 6             | TD_P   | LAN cable     |
| 7             | TD_N   |               |
| 8             | RD_P   |               |
| 9             | RD_N   |               |
| 10            | N/C    | No connection |

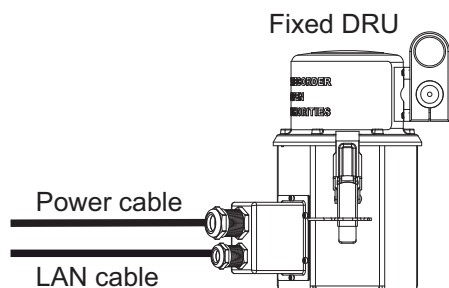
2. Start the Live Player V5 on the PC to extract the data.  
For how to extract the data, see chapter 5. After extracting the data, reconnect the cables.

## 2.3 How to Remove the Fixed DRU

When the fixed DRU is not damaged, remove the fixed DRU for data extraction as follows:

**Note:** In an emergency situation, priority must be given to evacuation of personnel. Remove the fixed DRU only when there is enough time to do so.

1. Turn off the DCU to turn off the fixed DRU.
2. Cut the power and LAN cable connected to the fixed DRU.



3. Removed three bolts (M12) to remove the fixed DRU from the mounting location.
4. Move the fixed DRU to a safe place suitable for data extraction.

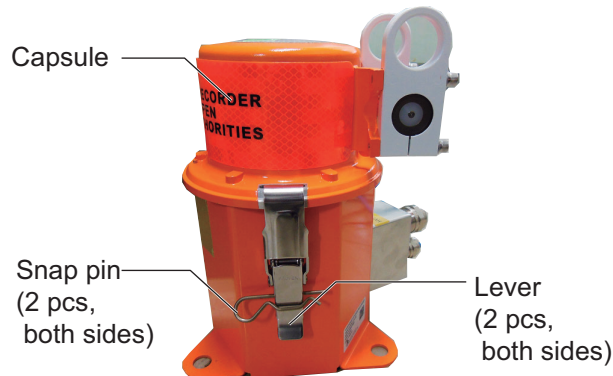
See section 2.2 to make connections and extract the data.

## 2.4 How to Remove the Capsule from the Fixed DRU

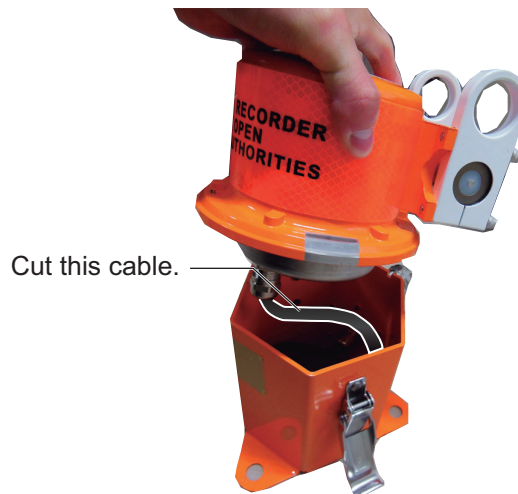
When you can not remove the entire fixed DRU due to damage, remove the capsule from the fixed DRU for data extraction as follows:

**Note:** In an emergency situation, priority must be given to evacuation of personnel. Remove the fixed DRU only when there is enough time to do so.

1. Turn off the DCU to turn off the fixed DRU.
2. Release two snap pins.
3. Release two levers.



4. Cut the cable (diameter: 9 mm) between the capsule and the terminal board.



5. Move the capsule to a safe place suitable for data extraction.

The Accident Investigator's Kit (HVR04-AIK) is required for the data extraction from the capsule. Contact L-3 Communications Holdings, Inc. to purchase the Accident Investigator's Kit. For how to use the Accident Investigator's Kit, see the document supplied with the kit.

### L-3 Communications

100 Cattleman Road  
Sarasota, FL 34232  
USA

Tel: (941)371-0811

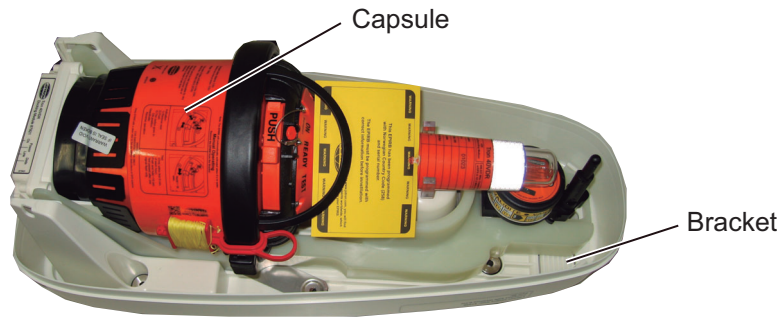
Fax:(941)377-5591

www.L-3AR.com

# 3. DATA EXTRACTION FROM FLOAT-FREE DRU

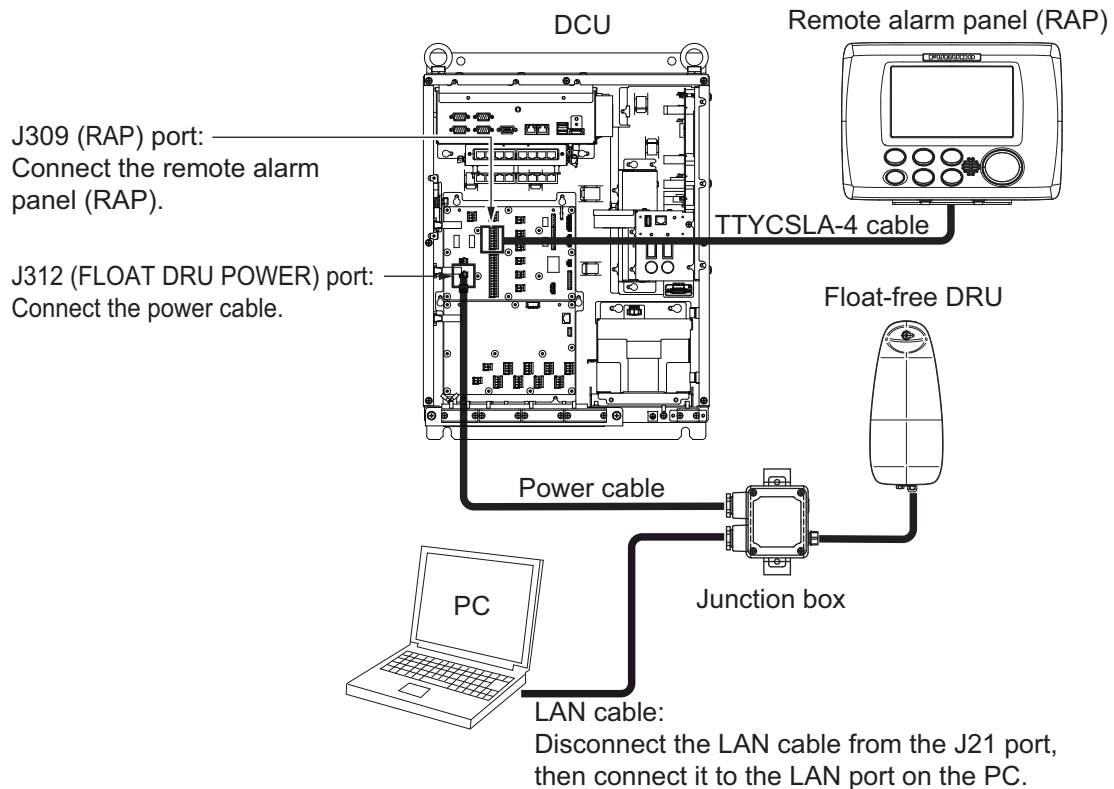
## 3.1 No Damage to the DCU or Bracket

1. Confirm that the capsule of the float-free DRU is seated in its bracket.



Float-free DRU (cover removed)

2. Make the connections shown below.

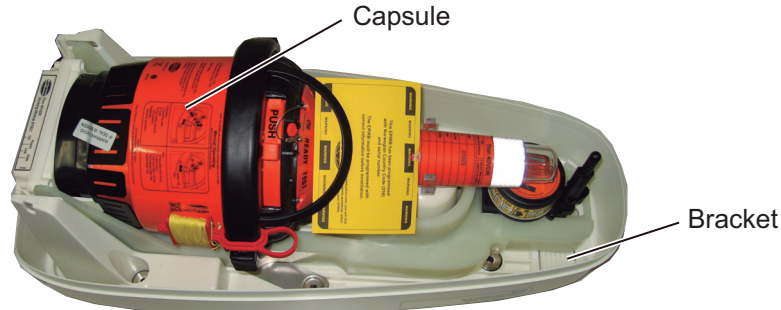


3. Wait until the alert 412177 "FloatDRU is stopped from recovering" appears on the remote alarm panel. This takes approx. 10 minutes.
4. Start the Live Player V5 on the PC to extract the data. For how to extract the data, see chapter 5. After extracting the data, reconnect the cables.

## 3.2 Damage to the DCU, No Damage to the Bracket

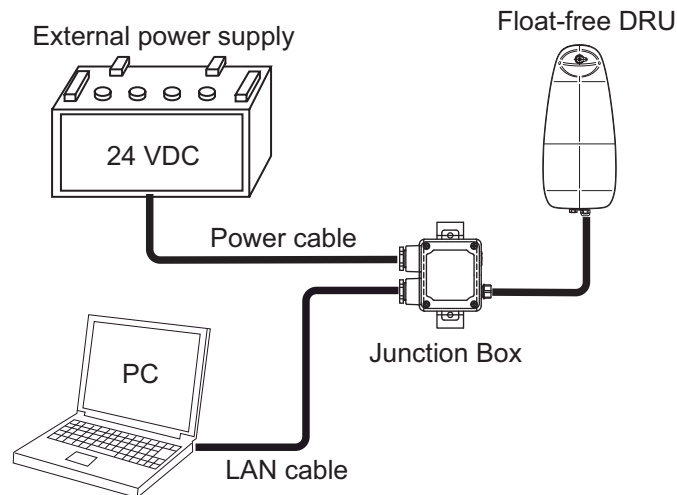
When the DCU is damaged, or you remove the float-free DRU to extract the data on shore, prepare the external power supply (24 VDC) for the float-free DRU. If you remove the float-free DRU, removal of the junction box is also required.

1. Confirm that the capsule of the float-free DRU is seated to the bracket.

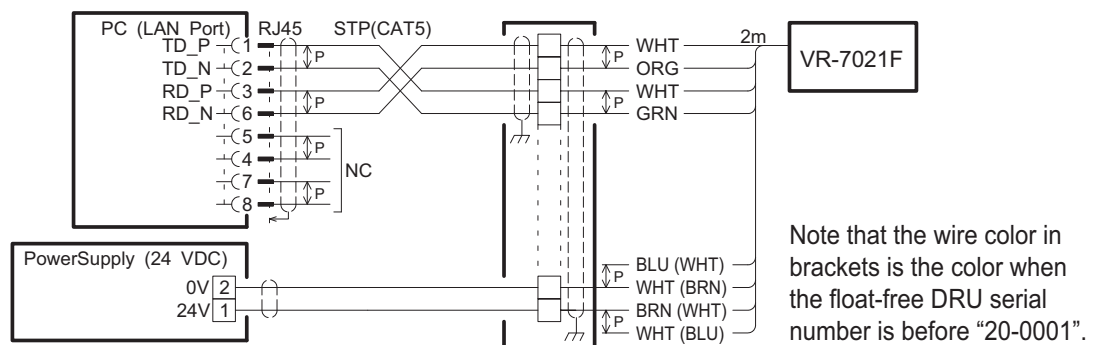


Float-free DRU (cover removed)

2. Make the connections shown below.



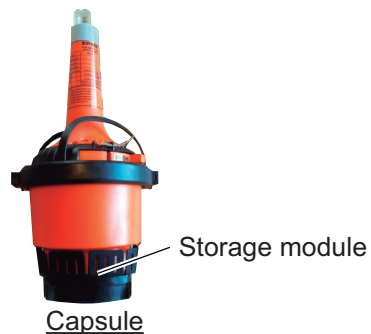
**Note:** If the junction box is not prepared, refer the interconnection diagram shown below to connect the float-free DRU to the PC and external power supply.



3. Start the Live Player V5 on the PC to extract the data.  
For how to extract the data, see chapter 5. After extracting the data, reconnect the cables.

### 3.3 Damage to the DCU and Bracket of the DRU

When both the DCU and the bracket of the DRU are damaged, data can not be extracted by the normal method. First remove the storage board in the storage module, then connect a A/Micro B USB cable to extract the data.

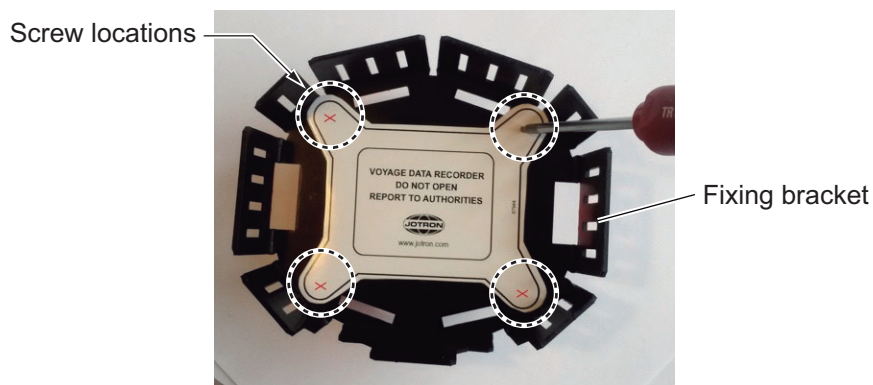


1. Remove the storage board from the storage module as follows:

- 1) Using a slotted head screwdriver, remove the plastic ring at the bottom of the capsule.



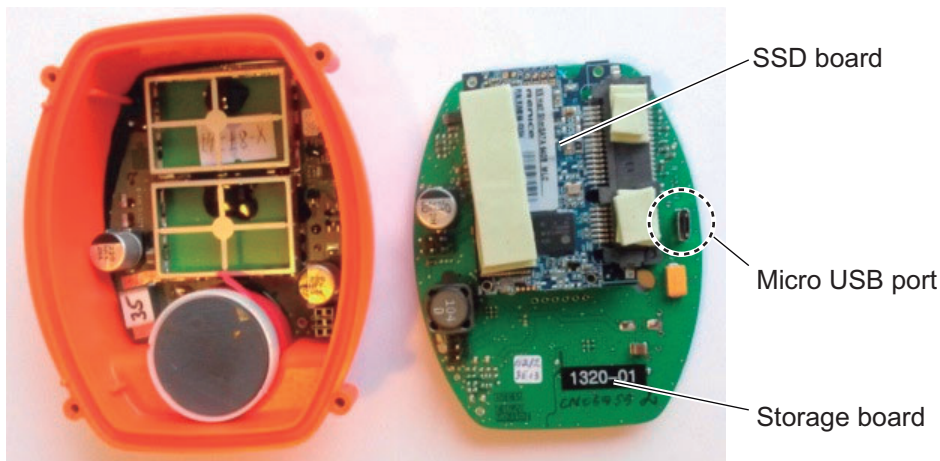
- 2) Remove four screws to remove the fixing bracket from the storage module. Use the torx driver (T9) to remove the screws.





- 3) Remove the storage board.

**Note:** Do not remove the SSD board from the storage board.



2. Using a A/Micro B USB cable, connect the storage board to the PC.
3. Install the USB-LAN driver as follows:
  - 1) Open [Device Manager] on the PC.
  - 2) Double-click [Other Device] and [RNDIS/Ethernet Gadget].
  - 3) Click the [Update Driver Software...].
  - 4) Select [Browse my computer for driver software], then click the [Next] button.
  - 5) Select [Let me pick from a list of device drivers on my computer], then click the [Next] button.
  - 6) Select [Network adapters] from the [Common hardware types:] list, then click the [Next] button.
  - 7) Select [Microsoft] from the [Manufacturer] list, and select [Remote NDIS Compatible Device] from the [Network Adapter:] list.
  - 8) Click the [Next] button.
  - 9) After the confirmation message appears, install the driver software.
  - 10) After completing the installation, click the [Close] button.
4. The Live Player V5 on the PC accesses the storage module whose IP address is "10.0.0.150". To connect the storage board to the PC with a USB cable and extract the data, change the IP address of the USB port on the storage board to "10.0.0.150" as follows:
  - 1) Open the [Control Panel], then select [Network and Internet] and [Network Connections].
  - 2) Change the IP address of "RNDIS/Ethernet Gadget" to "10.199.199.1".
  - 3) Start the Internet Explorer® on the PC and access to the "http://10.199.199.99:10000".

**Login to Webmin**

You must enter a username and password to login to the Webmin server on 10.199.199.99.

Username

Password

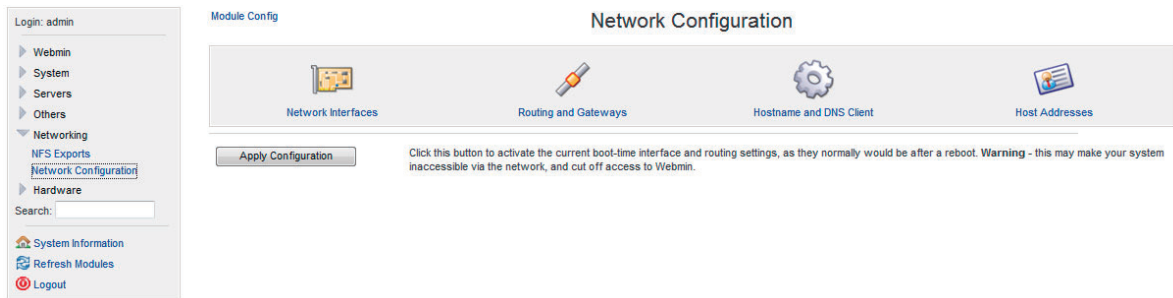
Remember login permanently?

### 3. DATA EXTRACTION FROM FLOAT-FREE DRU

4) Enter the username and password.

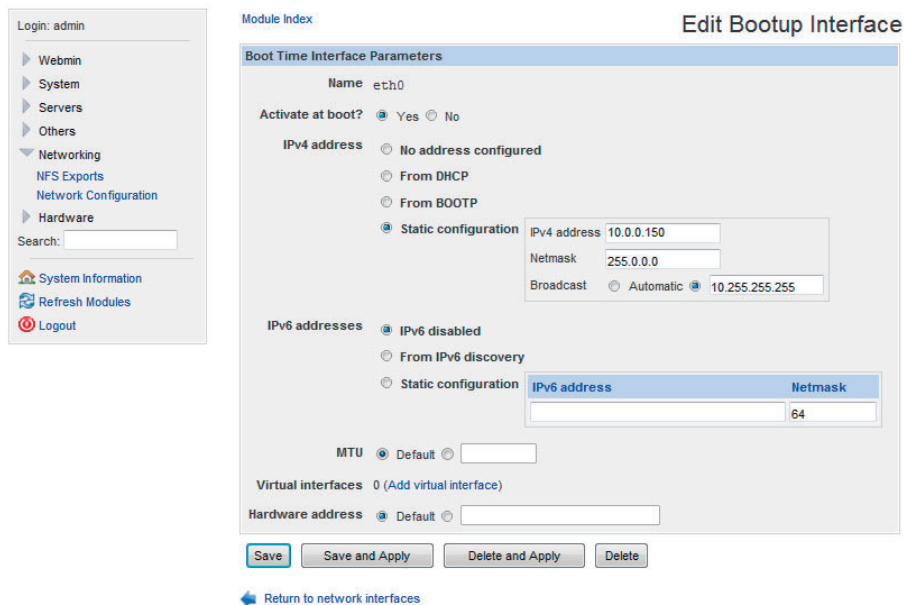
- [Username]: admin
- [Password]: Contact your dealer.

5) Select [Networking] and [Network Configuration] from the menu at the left of the display.



6) Select [Network Interfaces].

7) Select [eth0].



8) Change the IP address ([IPv4 address]) to “10.0.0.151“, then click the [Save] button.

9) Select [usb0].

10) Change the IP address ([IPv4 address]) to “10.0.0.150“, then click the [Save and Apply] button.

11) Wait three minutes, then open the [Control Panel].

12) Select [Network and Internet] and [Network Connections].

13) Change the IP address of “RNDIS/Ethernet Gadget“ to “10.0.0.1“.

5. Start the Live Player V5 on the PC to extract the data.

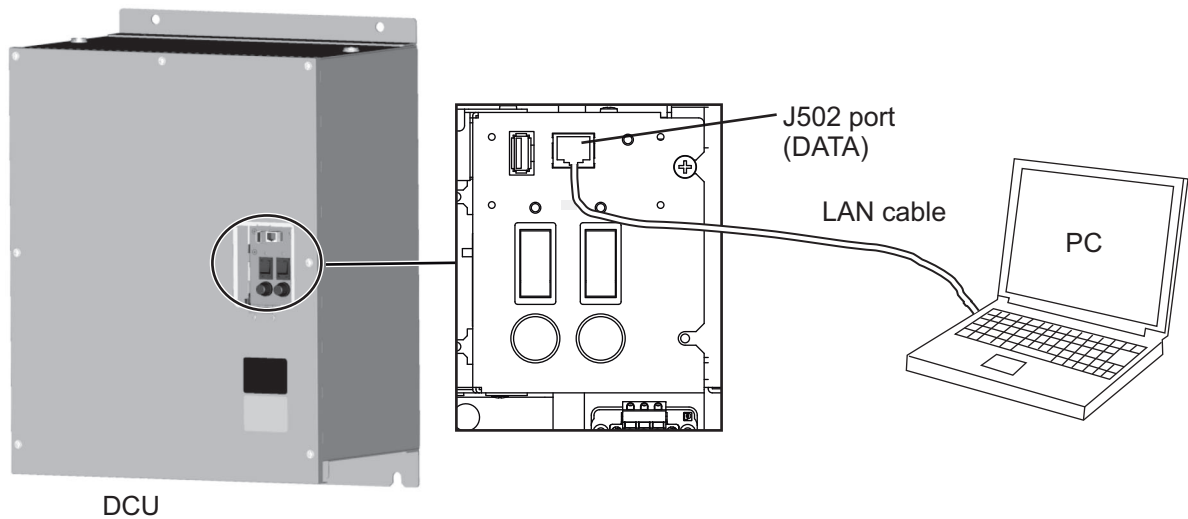
For how to extract the data, see chapter 5. After extracting the data, reconnect the cables.

## 4. DATA EXTRACTION FROM DCU

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To extract the data from the DCU, connect the PC to the J502 port (DATA) with the LAN cable (supplied). Then start the Live Player V5 on the PC to extract the data.

For how to extract the data, see chapter 5.



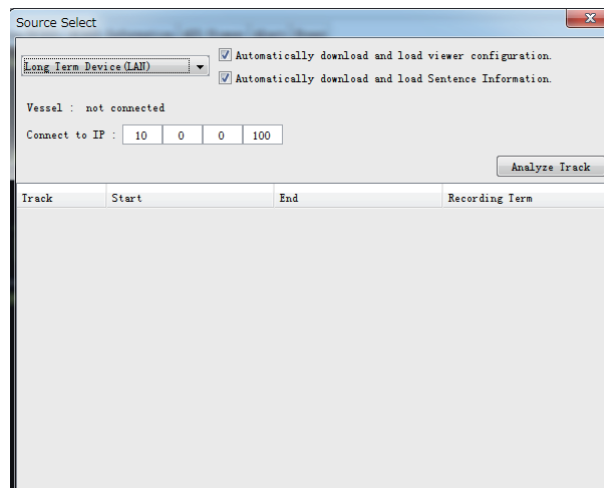
After extracting the data, disconnect the LAN cable from the J502 port.

# 5. DATA EXTRACTION/REPLAY

## 5.1 Data Extraction with Live Player V5

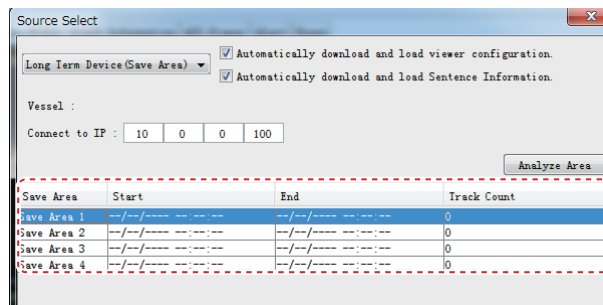
### Notes on extraction

- Free space of more than 30 GB is required in the C drive of the PC to create a temporary file for the data extraction.
  - The data recording more than 13 hours cannot be extracted at once.
  - If "Get size failed" appears at the start of extraction, click the [OK] button to start.
  - The message that announces completion of extraction may not appear. If the progress bar shows 100%, extraction is completed.
  - If extraction stops due to an error message or HDD space insufficiency, restart the Live Player V5 and try the extraction again.
  - The Live Player V5 may stop when extraction is cancelled. If this occurs, quit the Live Player V5 from the Task Manager then restart the Live Player V5.
  - Do not extract data to a medium whose remaining space is too low to hold the data. the OS may not start up if the medium is the system drive and it is full. (Figure 1 GB for one hour of data.)
  - Do not connect a storage device to more than one Live Player V5 in extraction or play back. Extraction or play back may stop. Also, when using the Data Consistency Analyzer, you cannot connect to the Long Term Device via Live Player V5.
  - Recording continues when extracting data from the DCU ([Long Term Device (LAN)]). Newer data may not be extracted since older data is written over. If this occurs, set the start time for extraction backward by some hours.
  - When extraction is aborted, "[FILE] Do you delete extracted file?" appears. If you want to continue extracting data, click the [No] button. Select the folder that was created when extraction started, then click the [Resume] button.
1. Start the Live Player V5.
  2. Open the [Tool] menu and select [Source Select] to show the [Source Select] dialog box. If the Live Player V5 is connected to the data source, click the [Yes] button after selecting [Source Select].



3. Select each one of the following options from the drop-down list.
  - For data extraction from the DCU: [Long Term Device(LAN)]
  - For data extraction from the fixed DRU: [Fixed DRU]\*
  - For data extraction from the float-free DRU: [Float DRU]\*
  - For data extraction from the save area: [Long Term Device(Save Area)] (VR-7000S only)

\*: Do not select during recording.
4. Confirm that the IP address ([Connect to IP]) shown below appears.
  - [Long Term Device(LAN)]: 172.31.16.200 or 10.0.0.100
  - [Fixed DRU]: 10.0.0.140
  - [Float DRU]: 10.0.0.150
  - [Long Term Device(Save Area)]: 172.31.16.200 or 10.0.0.100 (VR-7000S only)
5. If you selected [Long Term Device(Save Area)] at step 3, select the save area for data extraction from [Save Area 1] to [Save Area 4].



6. Click the [Analyze Track] button.
 

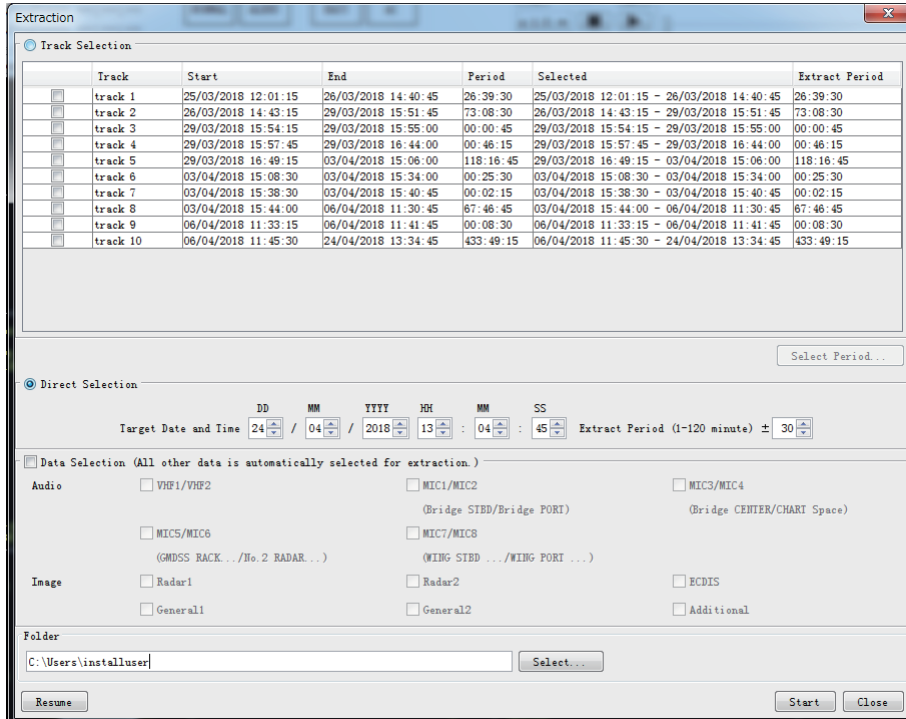
**Note:** If one of the following messages appears, after clicking the [Analyze Track] button, refer to the following table to rectify the error. If not rectified, contact your dealer.

| Message   | Remedy  |
|---|---|
| [ANALYZE] Could not analyze: Long Term Device data. Reading failed. | The Live Player V5 program version is not compatible with the VDR program version. Check the VDR program version ([VDR Version]) on the [System Monitor] window from the RAP, then use an appropriate Live Player V5 version. |
| [CONN] [ANALYZE] Could not analyze: Save area                       | The Live Player V5 program version is older than the VDR program version. Use the latest version of the Live Player V5.   |
| [ANALYZE] Could not analyze: Save-Area data. Reading failed.        | The the VDR program version is older than Live Player V5 program version. Use the Live Player V5 version 1.10.  |

7. Click the [Connect] button.

## 5. DATA EXTRACTION/REPLAY

8. Click [Extract] in the [Tool] menu to show the [Extraction] window.

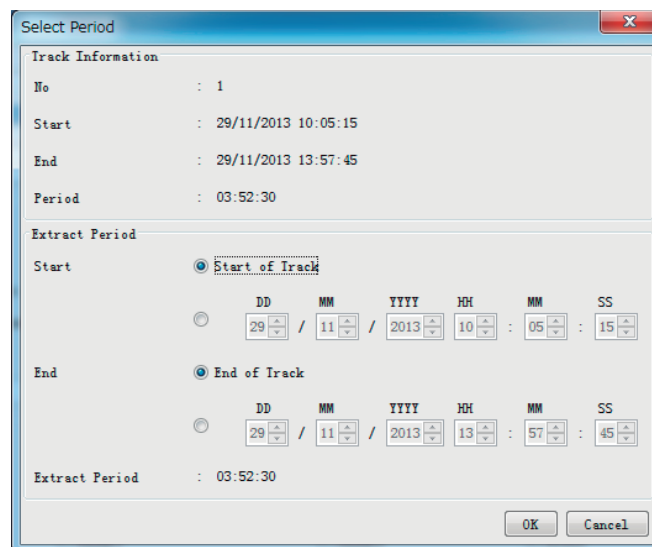


9. Specify the extraction data by each one of the following methods.

- Select the track.
- Select date and period.

How to select the track:

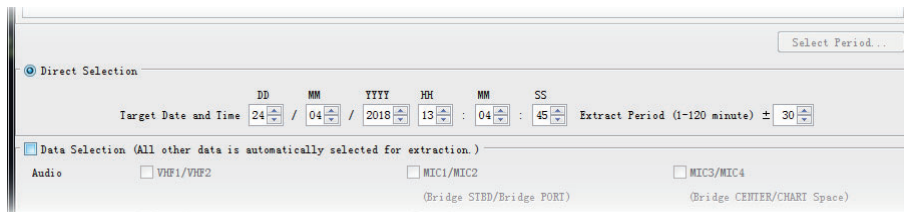
- 1) Activate the [Track Selection] radio button, then check the track you want to extract.
- 2) Click the [Select Period] button to show the [Select Period] window.



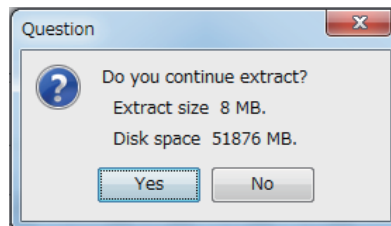
- 3) Set the start time and the end time in the [Extract Period] field.  
When you want to extract all track, check [Start of Track] and [End of Track].
- 4) Click the [OK] button.

How to select date and period:

- 1) Activate the [Direct Selection] radio button.
- 2) Select the target date and period to extract.

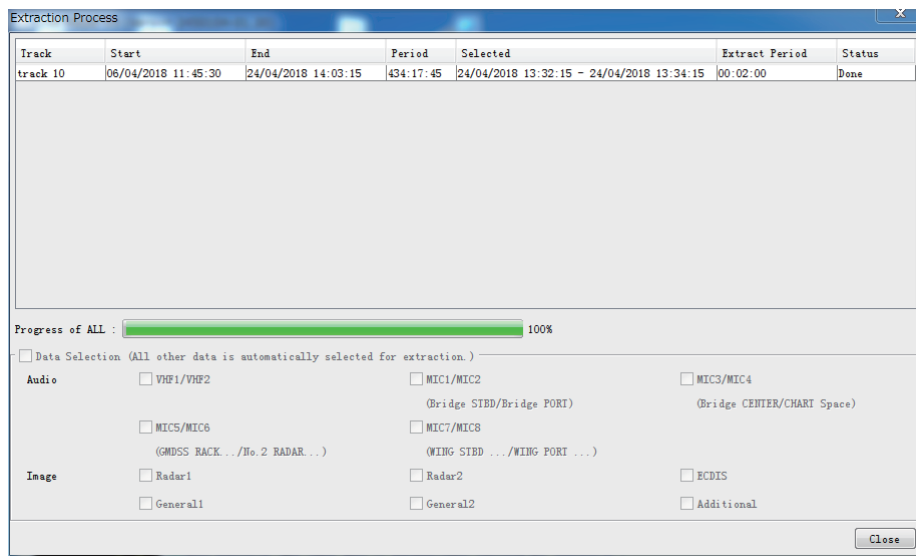


10. Click the [Select...] button and specify saving location in the [Folder/File Name] field.
11. Click the [Start] button.  
The confirmation message that indicates the data size appears.

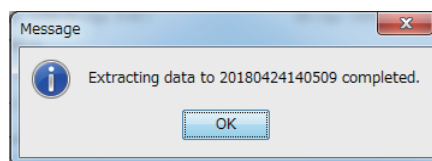


**Note:** If the [Extraction Process] window appears without clicking the [Start] button, close the window and click the [Start] button.

12. Click the [Yes] button to start date extraction.  
The [Extraction Process] window appears.



13. After completing the extraction, the following message appears. Click the [OK] button to close the message, then click the [Close] button to the [Extraction Process] window.



## 5.2 How to Replay the Data Copied into the PC

**Note:** When you adjust the seek bar to control position of playback, the audio data may not be replayed correctly. In this case, adjust the seek bar to move the position of playback forward or backward.

1. Start the Live Player V5.
2. Select [Source Select] from the [Tool] menu to show the [Source Select] dialog box.
3. Click the drop-down list and select [Extract].
4. Click the [Select] button to show the [Open] dialog box.
5. Select the folder you want to replay and click the [Open] button.
6. Click the [Analyze Track] button in the [Source Select] dialog box then click the [Connect] button.

**Note:** If the message "This extract data was converted from "Live(Remote)" data. It is different from the actual recorded data for that reason." appears, the selected data quality may be lower than the actual data, because the selected data is converted from "Live(Remote)" data. Extract the actual data, referring to section 5.1.

7. Click the [Start] button to show the data on the screen.









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