

# Leader

20250516  
Manual v1  
Software v1.1.0

## NDI<sup>®</sup> Checker

FS3580

### Instruction Manual

Thank you for your purchase.

Please read this instruction manual carefully and use the product safely.

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# 1 INTRODUCTION

Thank you for choosing a Leader Electronics product. To use the product safely, please read this instruction manual thoroughly before use and make sure you understand how to use the product correctly.

If you are unsure how to use the product after reading this instruction manual, please contact our head office or your nearest sales office, which are listed on the back cover of the instruction manual.

## 1.1 Trademarks

NDI® is a registered trademark of Vizrt NDI AB.

All other company names and product names mentioned in this document are trademarks or registered trademarks of their respective owners.

## 2 SPECIFICATION

### 2.1 Overview

This product is Windows-based software designed for measuring and monitoring the NDI video transmission protocol. It allows users to verify NDI-compatible products and systems, monitor NDI signals during live production, and record events for later analysis.

### 2.2 Features

#### **Monitoring NDI Sources in Your Network**

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Monitors all NDI sources on the network in real time and displays them in a list format. This feature allows you to easily detect unintended or unknown NDI senders on the network.

#### **Video Format Display**

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When transmitting and receiving signals via NDI, video, audio, metadata, and tally information are combined into units called "frames." NDI Checker extracts and displays the video format from each frame, making it possible to detect unexpected format settings.

#### **Display of Number of Video Frames Received**

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Displays the number of video frames received per second. This helps detect frame drops that are not easily visible to the naked eye.

#### **Display Bitrate**

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Displays the actual measured bitrate used by NDI, rather than a theoretical value.

#### **Event Log**

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Logs events that occur during monitoring, allowing users to retrospectively check status changes. The log can be exported in CSV format, enabling off-site engineers to review system activity.

## 2.3 Specifications

### 2.3.1 Operating Environment

Operating System	Windows 11 64bit version (Version 23H2 or later)
Storage Space Available	80 GB or more
CPU	Intel Core (TM) i5-1135G7 equivalent or higher
RAM	16 GB or more
Display Resolution	1920 x 1080 recommended
Browser	Google Chrome (Version 131.0.6778.265 or later) Microsoft Edge (Version 135.0.3179.98 or later)
Network Card	With a bandwidth of 1 Gbps or higher (recommended)
Ports Used	TCP 1337, TCP 8080
Windows Features Required	Windows Subsystem for Linux

### 2.3.2 Supported Protocols

NDI Standard	High Bandwidth (HB), NDI HX
NDI Version	NDI 4, 5, 6, NDI HX 2, 3
HX Codec	H.264 (*1)
IP Protocol	IPv4 Unicast (UDP, TCP, RUDP) (*2)

\*1 H.265 is not supported.

\*2 IPv6 is not supported.

Multipath-TCP and Multicast are not supported.

NDI Group is not supported.

### 2.3.3 Measurement Supported Video Formats

The following formats are supported for measurement, excluding picture display.

Supported Resolution	3840 x 2160 or less
Supported Frame Frequency	60Hz or less

### 2.3.4 Picture Display Supported Video Formats

"Measurement Supported Video Formats" the formats listed below also support picture display. Pictures cannot be displayed for formats other than UYVY, but measurements other than picture are possible. Picture display does not support alpha channels or HDR.

Color System	Quantization Precision	Pixel Storage Method	FourCC	Image	Frame (field) Frequency
YCbCr 4:2:2	8bit	Packed	UYVY	3840 x 2160	60/59.94/50 / 30/29.97/25 /P
				1920 x 1080	60/59.94/50/30/29.97/25 /P 60/59.94/50 /I

### 2.3.5 NDI Source List

Displays all NDI sources available on the network in a list format. Clicking a source name begins receiving and measuring that signal.

\* There is a known issue in which the end of the list may not be displayed if the number of NDI sources exceeds approximately 100.

### 2.3.6 Picture Display

Displays a simplified preview of the signal selected from the NDI source list, as supported by the "Picture Display Supported Video Formats."

This feature is intended for source confirmation prior to measurement.

The preview is downscaled and compressed in both resolution and frame rate, and is therefore not suitable for evaluating video quality.

### 2.3.7 NDI Video Frame Information

Displays detailed video format information extracted from the NDI video frames of the selected signal, along with interpretation for each item.

The following elements are included:

- Resolution
- Framerate (Numerator / Denominator)
- FourCC
- Frame format type
- Aspect Ratio

### 2.3.8 Measured Information

Displays various measurement information for the selected NDI signal.

The following information is provided:

Status	Shows the current status of the signal.
Invalid Product Key: {Details}	The product key is invalid. The details include an error code and explanation.
No Video Stream	No NDI video frames are being received.
Detected	An NDI signal has been detected.
Picture is not implemented for this FourCC	The received FourCC format does not support picture display.
Frame drop detected: {number of drops}	Indicates the number of dropped frames. This value is calculated when the received frames per second is lower than the expected frame rate and not compensated in the following second.
Received Frames per second	Displays the number of video frames received in the last second. As NDI processes frames individually, this is an integer and may differ from the nominal frame rate.
Bitrate	Displays the actual bitrate used during reception. This includes not only video but also audio, metadata, and control data.

## 2.3.9 Event Log

This function logs events that occur on the NDI signals being received and measured. The following event types may appear:

Detected: {Format}	An NDI signal in the specified format has been detected.
No Video Stream	The NDI signal is no longer being received.
Frame Drop Detected: {number of drops}	Frame drops have been detected. The method of calculation is the same as described in the "Measured Information" section.
Source Select Updated Device: "{Device name}", Source: "{Source name}"	The current NDI source has been changed to the specified source on the specified device.
New Source was added. Device: {Device name}, Source: {Source name}	A new NDI Sender has been discovered on the network.
Source was removed. Device: {device name}, Source: {source name}	An NDI Sender has disappeared from the network.
Event log cleared.	The event log has been cleared.

A maximum of 5,000 recent events are displayed on the measurement screen. Older events beyond this limit are stored internally but not shown. The total number of stored and displayed events combined is limited to 100,000.

To export the event log, click the Download button in your browser. This will save all logs, including internally stored ones, in CSV format on your PC. To delete the logs, click the Clear button. This will erase all displayed and stored event logs from the product.

### 2.3.10 Product Key Authentication

How to authenticate a product key

The product key is used to confirm that the software was properly purchased. When issuing a product key, you are required to provide the MAC address of the network card of the PC on which the software will be used. The issued product key is linked to this MAC address and can only be used on that specific device.

Product key authentication timing

Product key authentication is carried out when the software starts, and then automatically every 24 hours. If authentication is successful, the software becomes fully available for use.

Restrictions when product key authentication fails

If the product key has expired, authentication will fail, and only limited functions will be available, such as displaying past event logs, downloading logs in CSV format, and clearing logs. If authentication fails for any reason other than expiration, the application will not start.

Functionality restrictions in the Trial Version

The Trial Version, which is intended for operation verification and does not require product key authentication, has the following limitations.

Event log output feature

The event log output feature is disabled. Instead of showing actual log content, all messages will display the text: "The event log feature is not available in the trial version."

## 3 STEPS TO START USING THE SERVICE

### 3.1 Product Type

There are three types of NDI Checker:

Both licensed versions are one-time purchases and will not be automatically renewed. If you wish to continue using the product after the expiration period, please purchase a new license.

No.	Product Type	Available Period	Cost	Available Features
1	Trial Version	2 weeks	Free	All features except event log
2	Licensed Version (1 year)	1 year	Paid	All Features
3	Licensed Version (3 years)	3 years	Paid	All Features

### 3.2 System Preparation

#### 3.2.1 PC Preparation

Make sure that your PC has Windows 11 and Google Chrome or Microsoft Edge installed. For details on the required operating environment, refer to section 2.3.1.

#### 3.2.2 Setting the Default Browser

NDI Checker launches in the web browser set as your system's default.

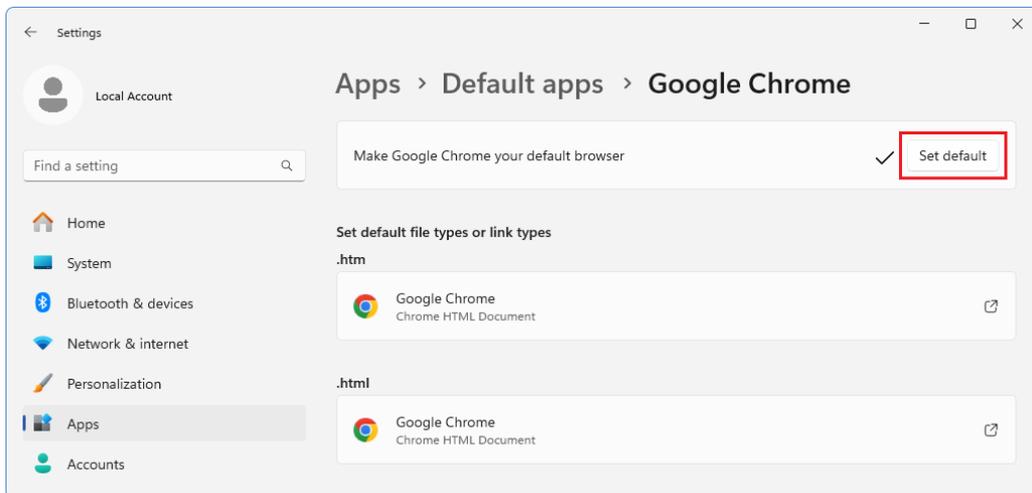
If your current default browser is not Google Chrome or Microsoft Edge, please follow the steps below to set it:

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Settings > Apps > Default apps > Google Chrome > Set default

Settings > Apps > Default apps > Microsoft Edge > Set default

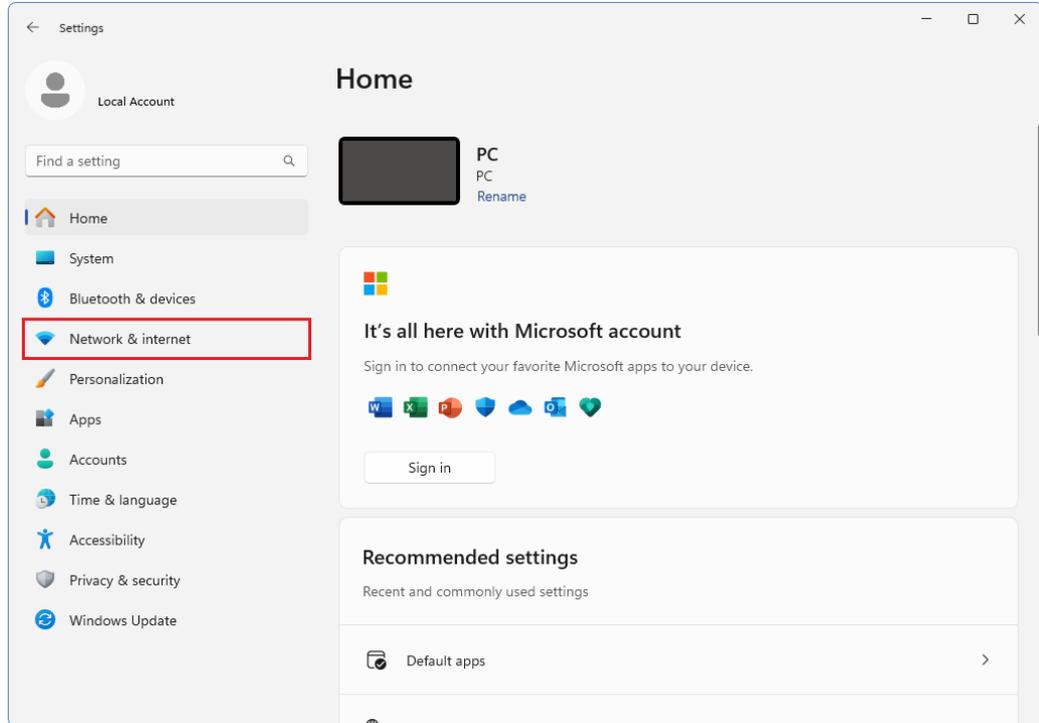
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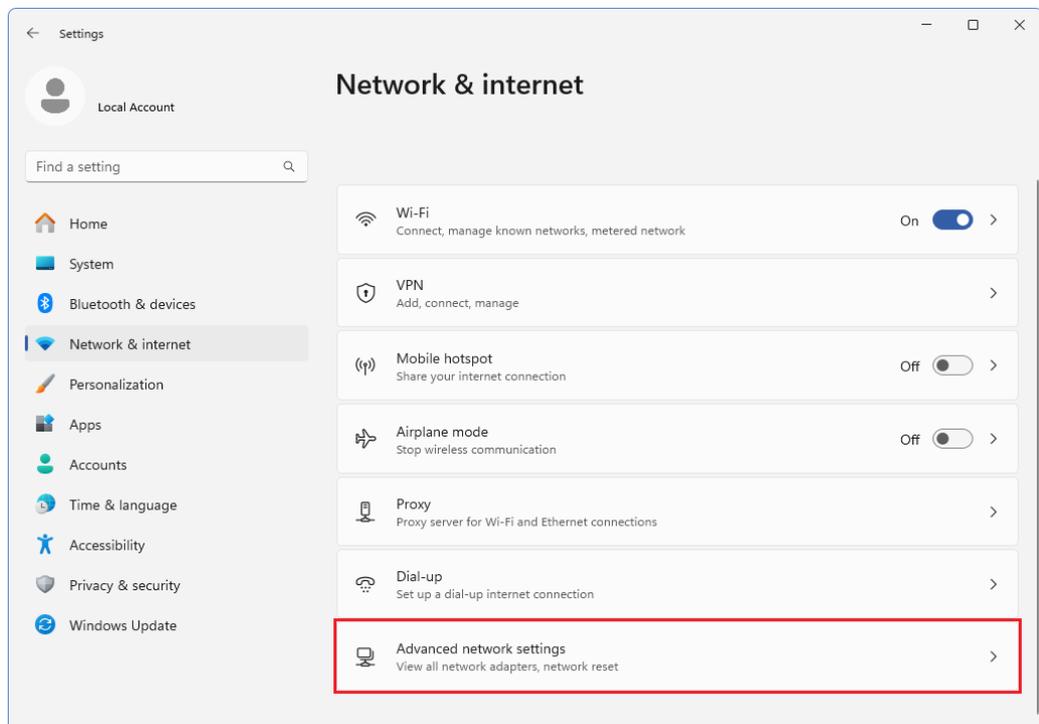
### 3.2.3 Checking the MAC Address

Since this product is linked to a specific MAC address, you will need to check the MAC address of the PC on which it will be used. Please follow the steps below to find the MAC address.

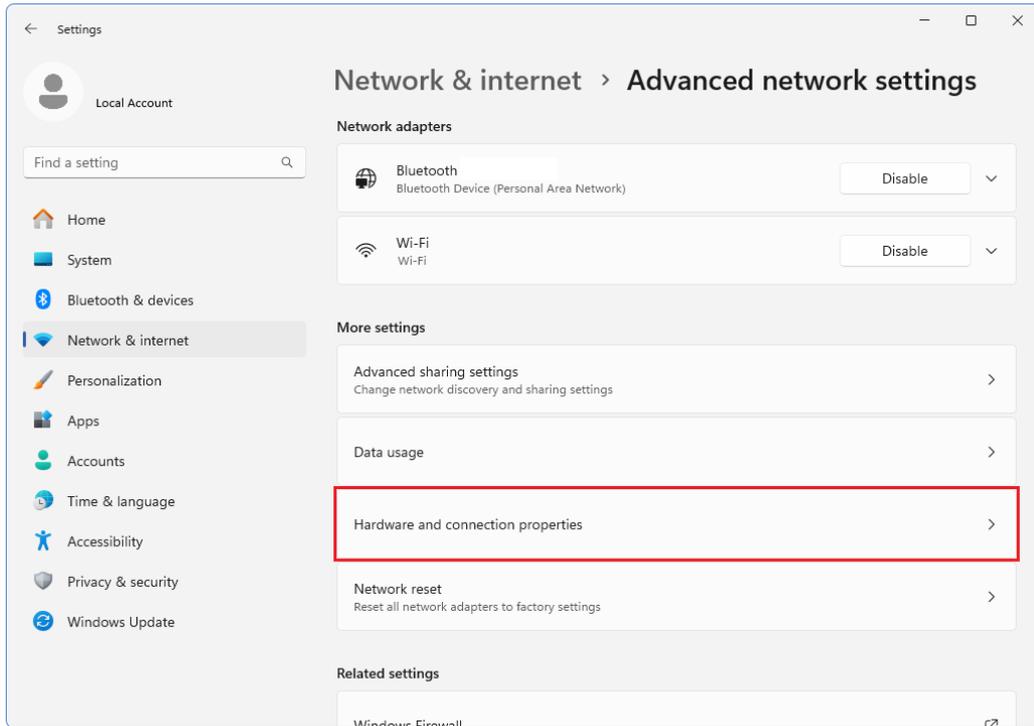
#### 1 Click the Start button > Settings > Network & internet.



#### 2 Click "Advanced network settings."



**3 Click "Hardware and connection properties."**

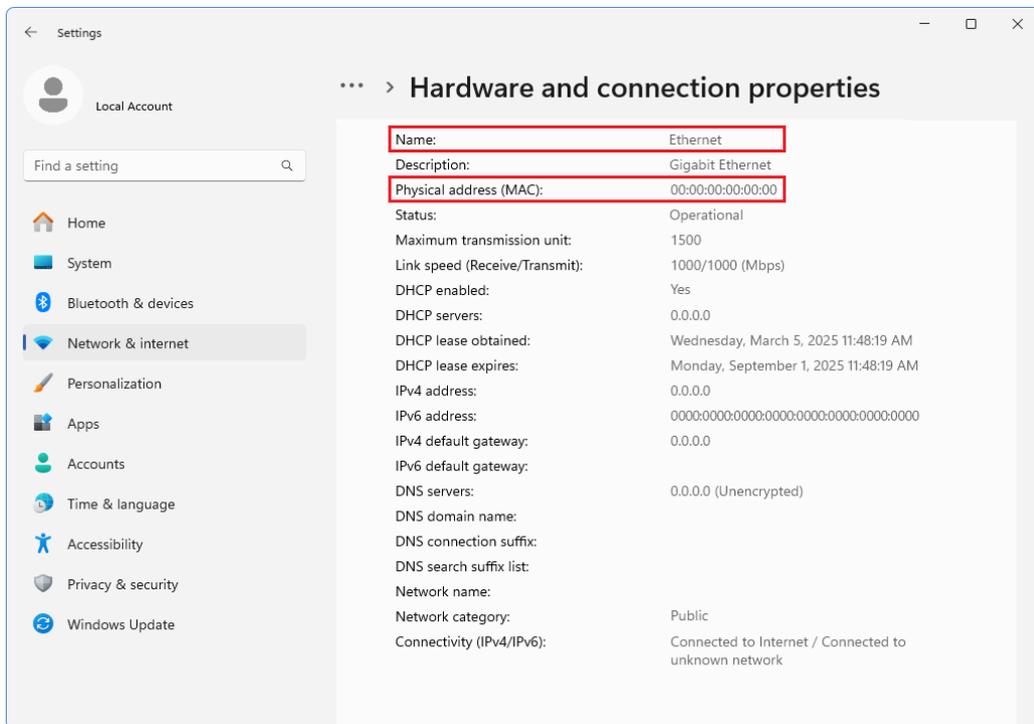


**4 Check the MAC address of the port used by NDI Checker.**

In the list of network interfaces, port properties are displayed by "Name."

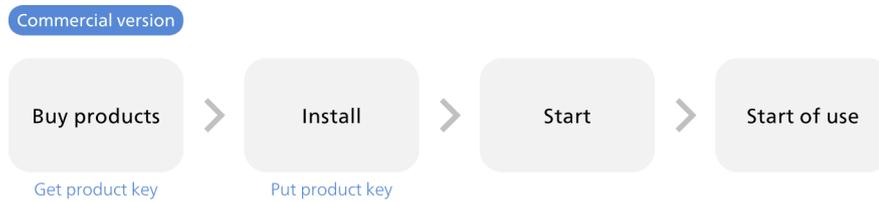
Look for the "Physical address (MAC)" entry under the "Ethernet" section.

(Note: The label "Ethernet" may vary depending on your system environment.)



### 3.3 Setup (Licensed Version)

To use the Licensed Version of NDI Checker, please follow the steps below to complete the setup process.



#### 3.3.1 Purchasing the Product

To purchase the product, please follow the steps below:

- 1 On the website, click "List of distributors" under the "Purchase" section.**

Website: <https://leaderphabrix.com/products/ndi-checker/>

- 2 Select a distributor and purchase the Licensed Version.**

Please follow the distributor's instructions for completing the purchase. After your purchase is confirmed, you will receive a product key consisting of the following two files:

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license\_\*\*\*\*.key  
public\_key\_\*\*\*\*.pem

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### 3.3.2 Installing the Licensed Version

The Licensed Version of NDI Checker can be downloaded and installed from the website. Please follow the steps below to complete the installation.

Note: Your PC must be connected to the Internet during the installation process.

- 1 From the "Product" section of the website, click "Version \*.\*.\* Download" for the Licensed Version.**

Website: <https://leaderphabrix.com/products/ndi-checker/>

- 2 Save the file.**

The file will be saved in ZIP format.

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NDI Checker Installer v.\*.\*.\*.zip

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- 3 Unzip the ZIP file.**

After extracting the contents, several files will appear as shown below. Make sure to place all of these files in the same directory:

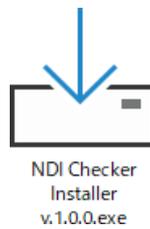
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NDI Checker Installer v.\*.\*.\*.exe  
NDI Checker Installer v.\*.\*.\*-1.bin  
⋮  
NDI Checker Installer v.\*.\*.\*-n.bin

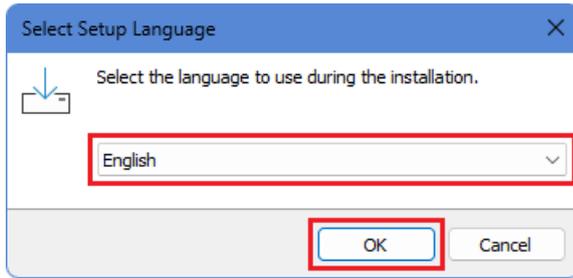
---

- 4 Run the EXE file.**

Run "NDI Checker Installer v.\*.\*.\*.exe" to begin the installation process.

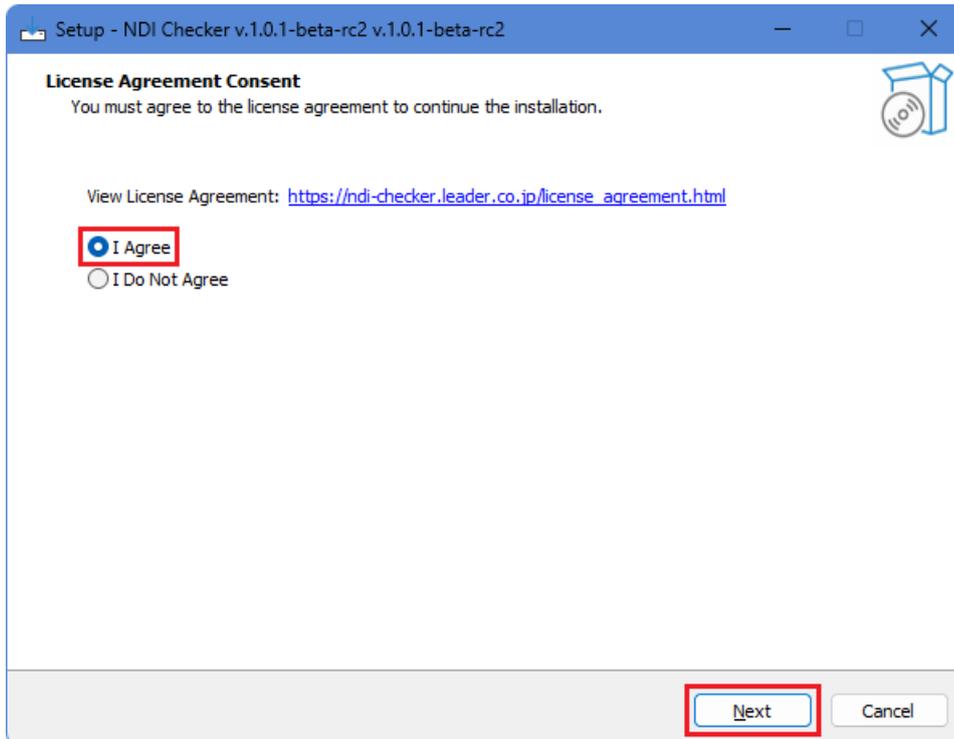


**5 Select the setup language and then click OK.**



**6 Accept the license agreement, then click Next.**

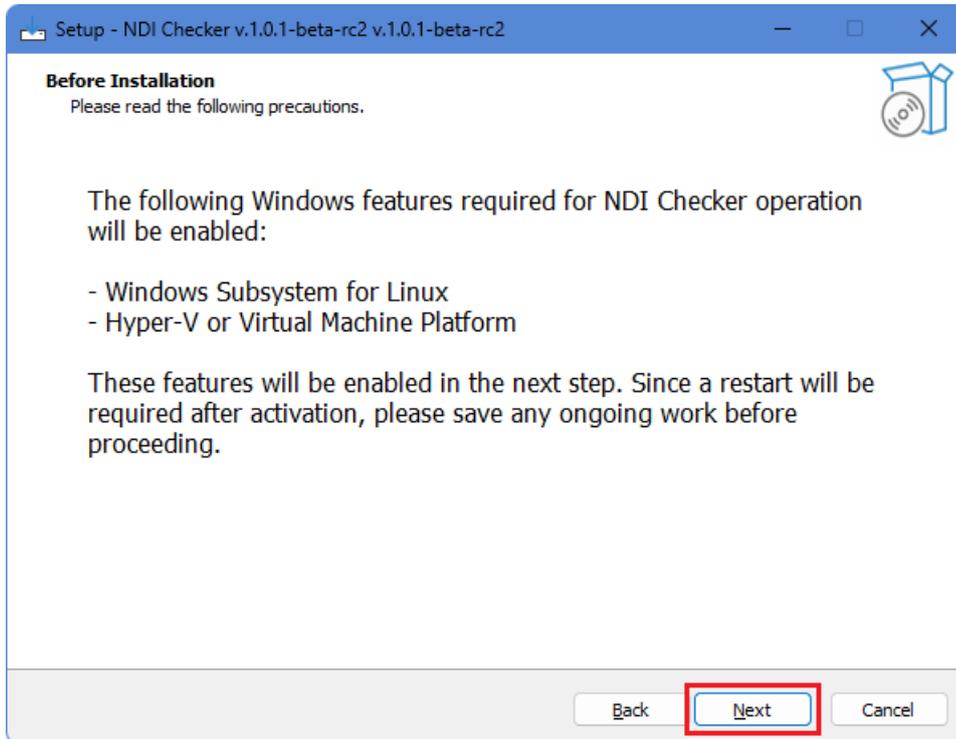
Please click the URL to view the license agreement.



**7 Check the notes and then click Next.**

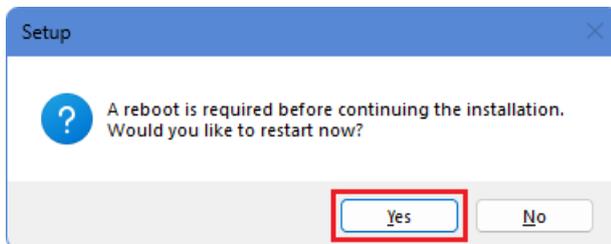
Click "Next" to automatically enable Windows features.

If these features are already enabled, this screen will not appear. See step 11 onwards.

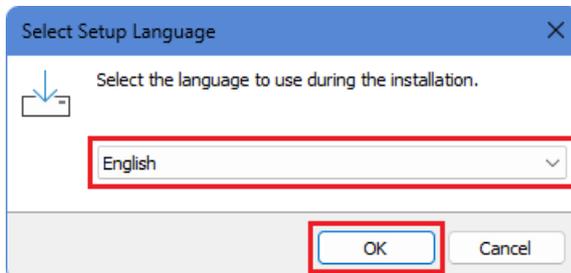


**8 Click Yes.**

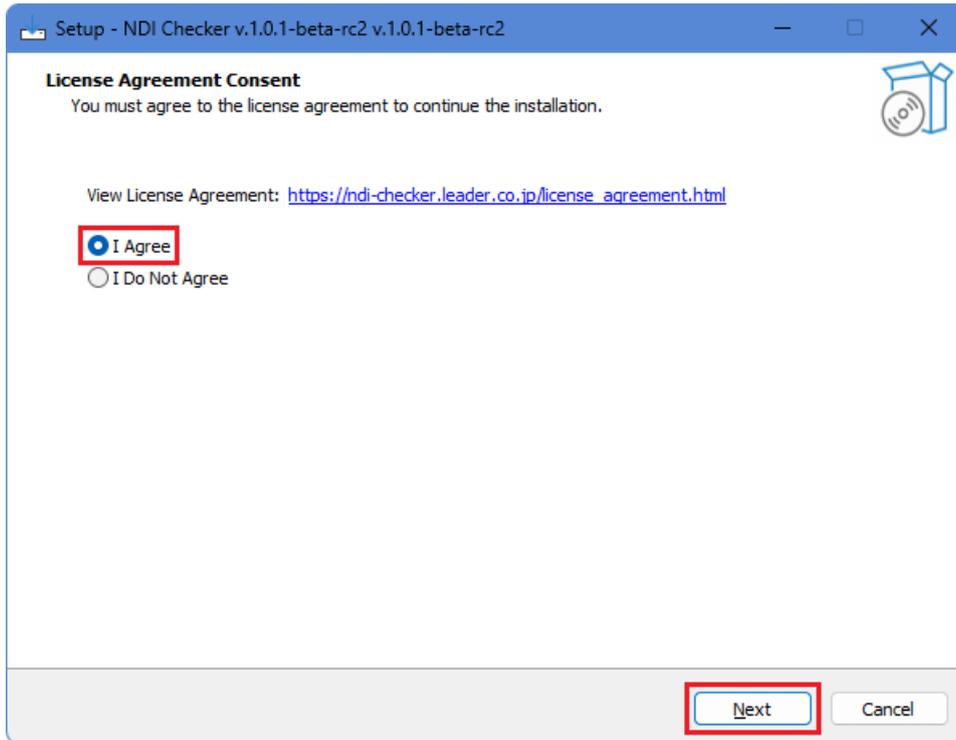
Click "Yes" to restart the PC.



**9 Select the setup language and then click OK.**

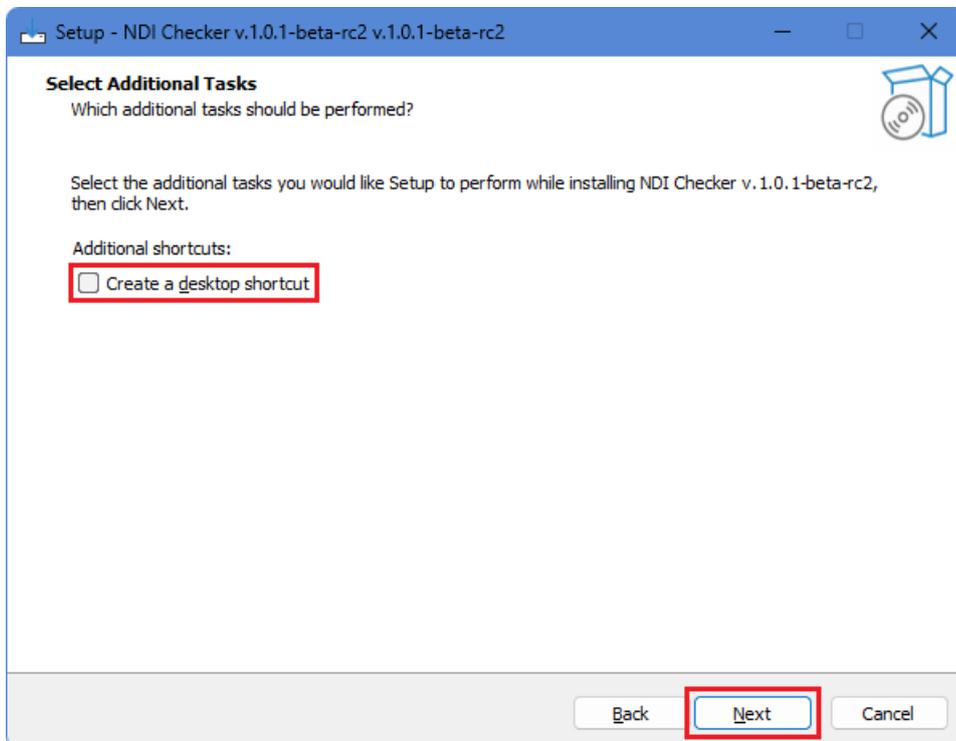


**10 Accept the license agreement, then click Next.**



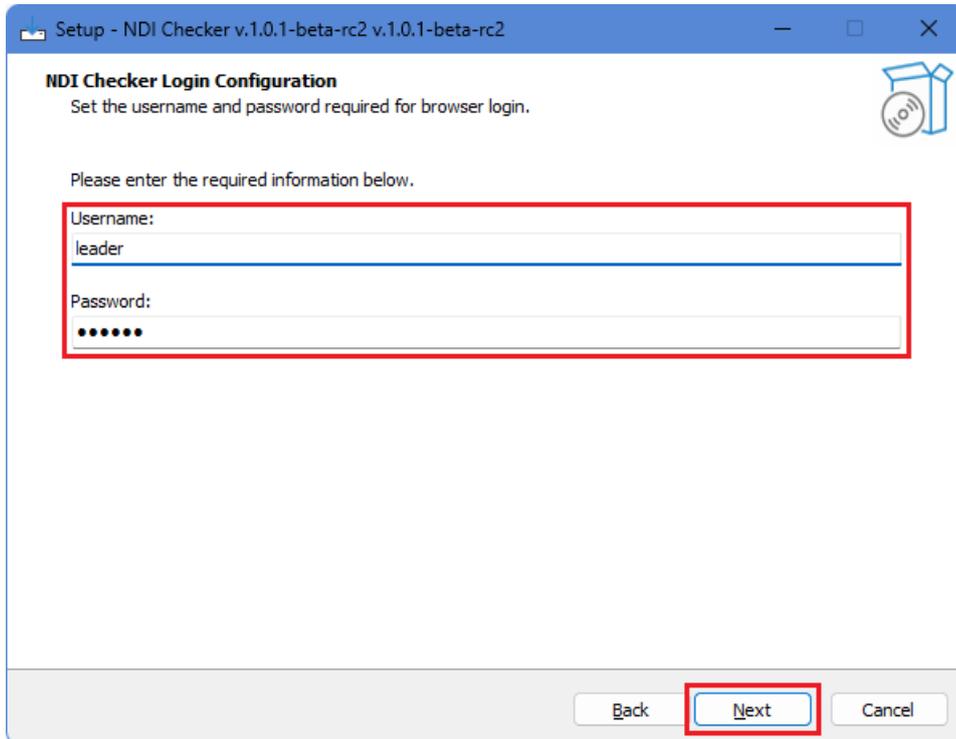
**11 Check any additional tasks as needed, then click Next.**

If you check "Additional shortcuts," a shortcut for the NDI Checker will be created on your desktop.

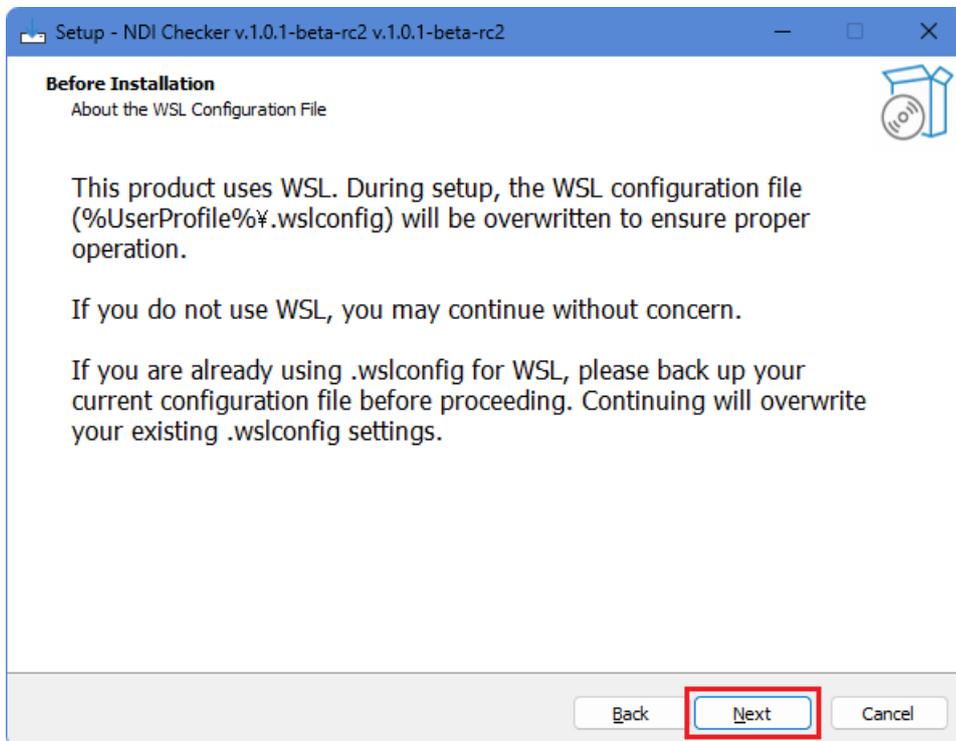


**12 Enter the username and password you will use to launch the NDI Checker, then click Next.**

Please set your username and password using alphanumeric 64 characters or less.

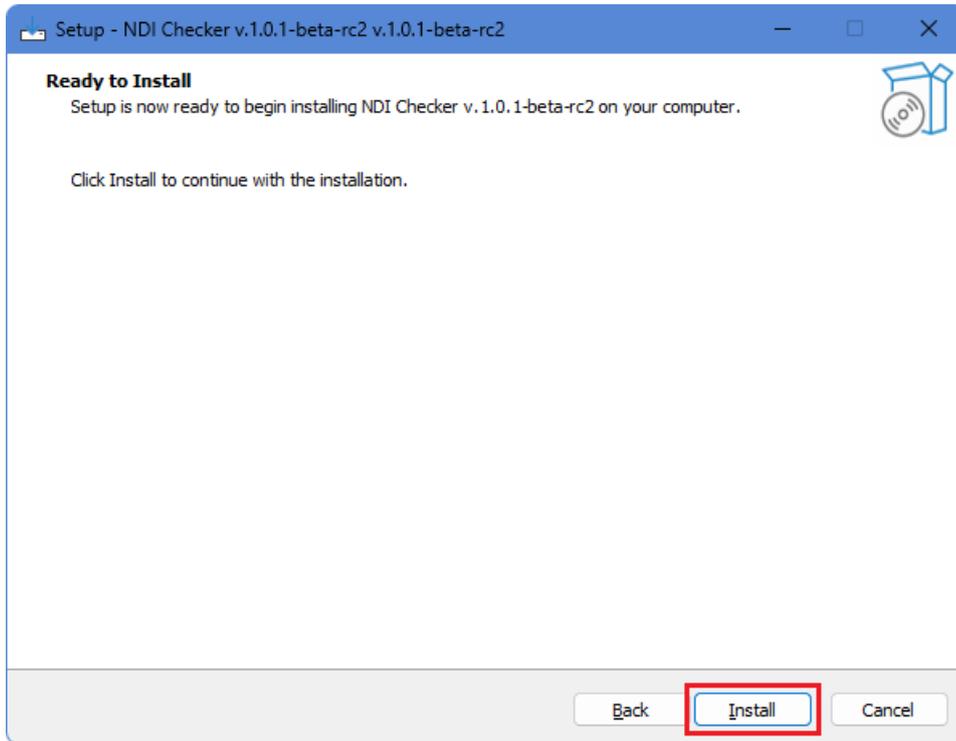


**13 Check the notes and then click "Next."**



**14 Click Install.**

Click "Install" to begin the installation.



**15 Place the product key in the designated location and then click Next.**

Two product key files will be attached to the email you receive after purchasing the product:

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license\_\*\*\*\*.key  
public\_key\_\*\*\*\*.pem

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Copy both files to the following directory:

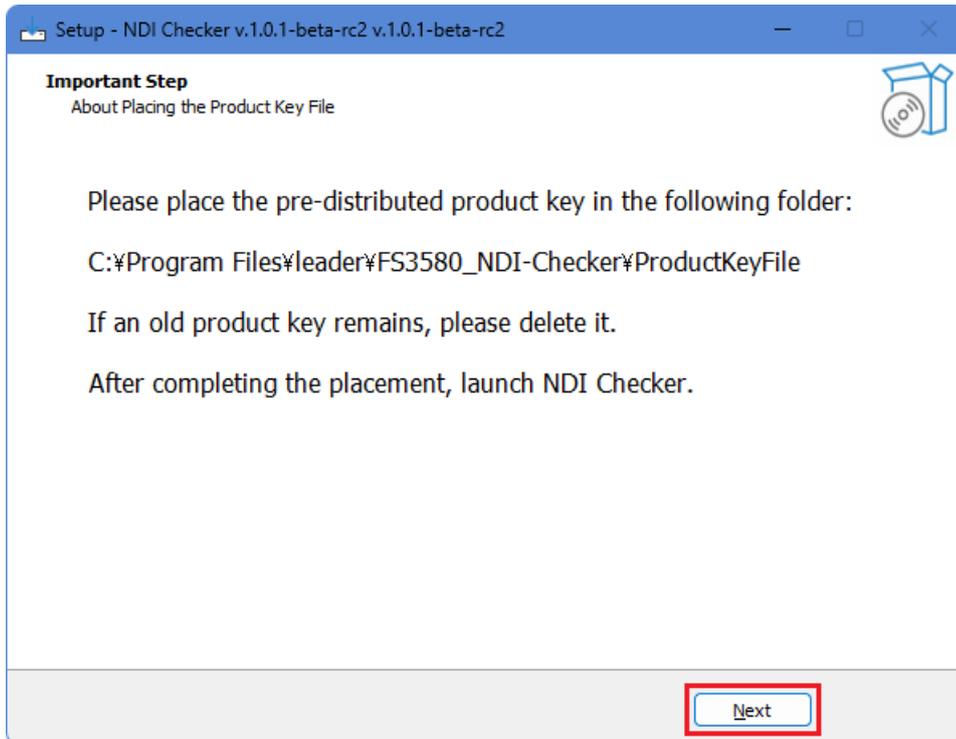
---

C:\Program Files\leader\F53580\_NDI-Checker\Product Key File

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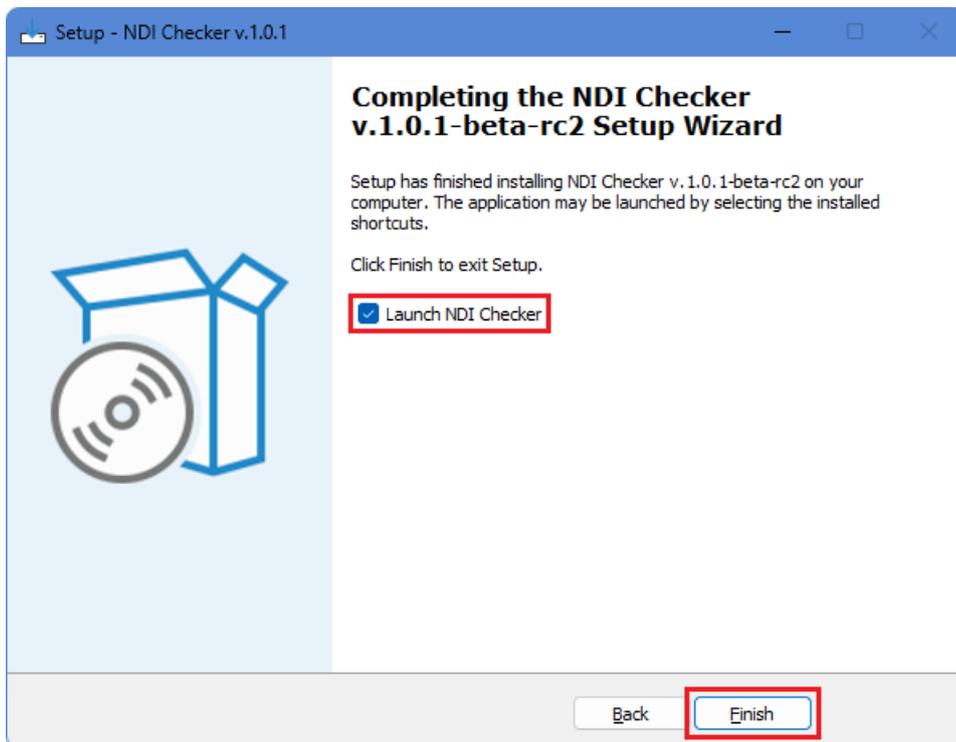
If you have previously used an older Licensed Version, a product key may already exist in this folder. In that case, delete the old key files before placing the new ones.

### 3 STEPS TO START USING THE SERVICE



#### 16 Click "Finish."

If you check "Launch NDI Checker," the NDI Checker will launch after you click "Finish."



### 3.3.3 Starting the Licensed Version

Follow the steps below to launch the Licensed Version of NDI Checker.

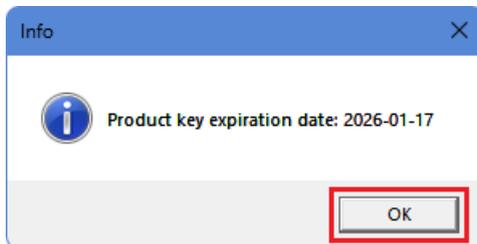
**1 Run "NDI Checker v.\*.\*.\*"**

Run it from the desktop icon or from the start menu.

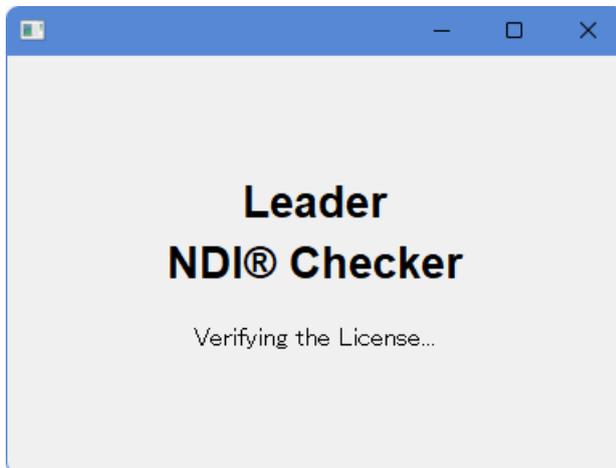


**2 Click OK.**

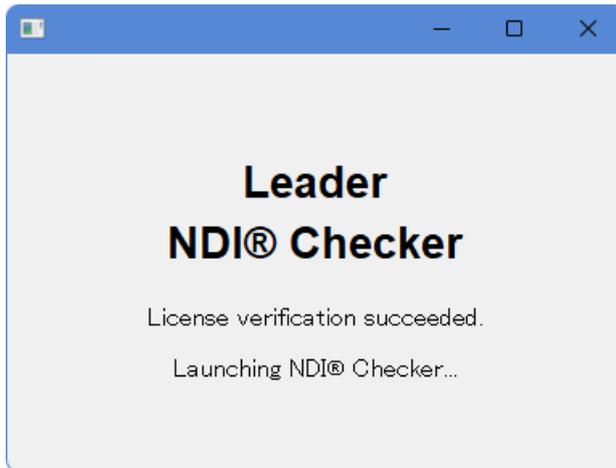
The expiration date of the NDI checker is displayed.



Click "OK" to authenticate the product key.



If authentication is successful, the following screen will appear and the browser will launch.



### Error message (if no valid product key is found)

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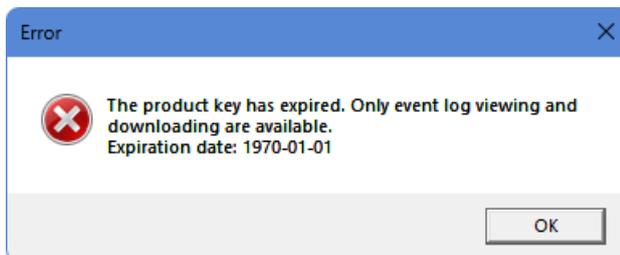
If no valid product key is found, an error message will appear and clicking "OK" will cause the NDI Checker to exit. Make sure your product key is in the specified location and then restart.



### Error message (if expired)

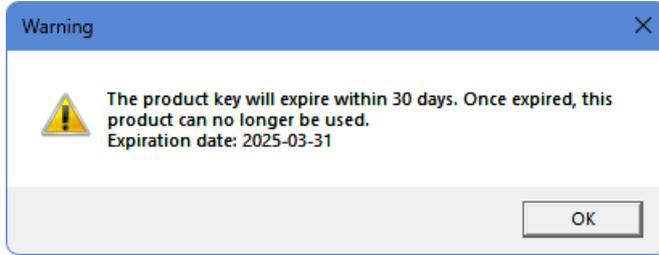
---

If it has expired, an error message will be displayed. Clicking "OK" will launch the NDI Checker, but you will only be able to view and download the event log; you will not be able to make measurements.



### Warning Display

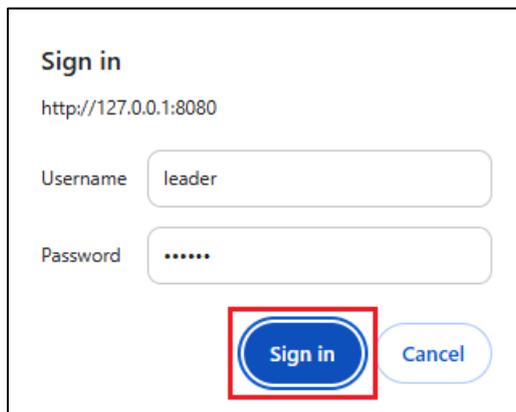
When the product key expiration date is 90, 60, or 30 days away, the following message will be displayed. If you click "OK," the browser will start and you can use it as usual.



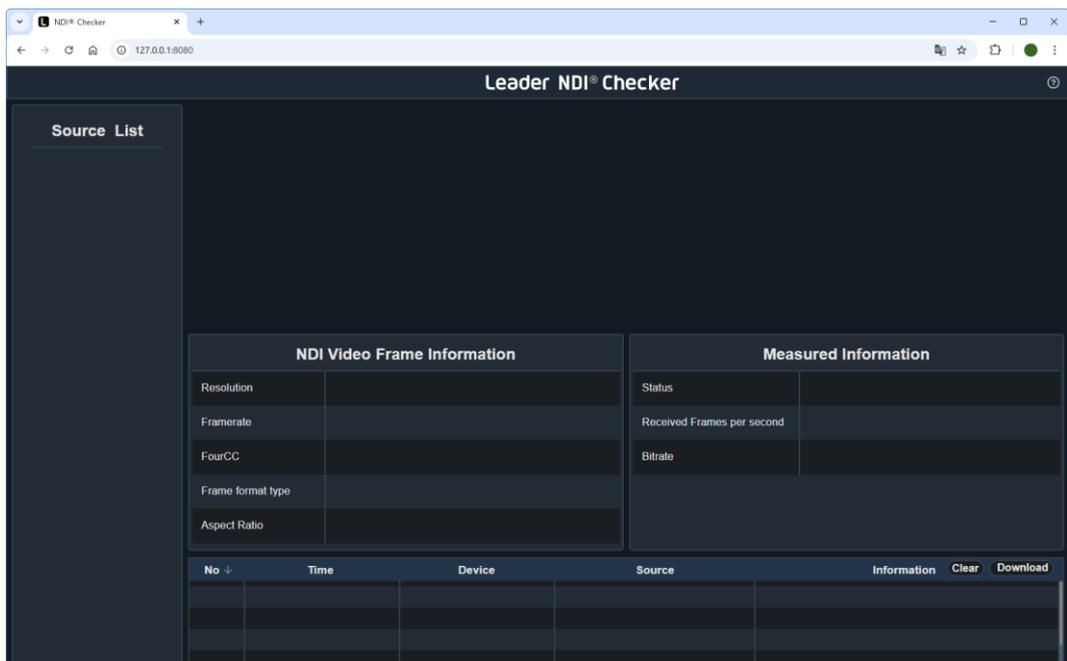
### 3 Enter your username and password, then click Sign in.

The username and password are those you set during installation.

If you have forgotten these, please start the installation again. There is no need to uninstall the NDI Checker.

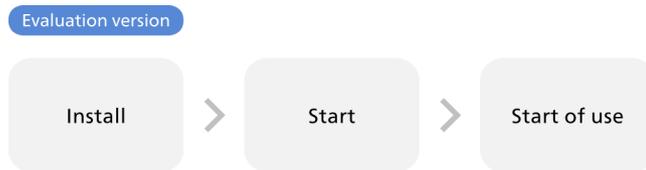


When the following screen appears, you are ready to start measuring.



## 3.4 Setup (Trial Version)

To use the Trial Version of the NDI Checker, please follow the steps below to set it up.



### 3.4.1 Installing the Trial Version

The NDI Checker Trial Version can be downloaded from the website and installed.

Please install using the following steps:

Please note that your PC must be connected to the Internet to install the software.

- 1 From the "Products" section of the website, click "Version \*.\*.\* Download" for the Trial Version.**

Website: <https://leaderphabrix.com/products/ndi-checker/>

- 2 Save the file.**

The file will be saved in ZIP format.

---

NDI Checker Trial Version Installer v.\*.\*.\*.zip

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- 3 Unzip the ZIP file.**

When you unzip the ZIP file, multiple files will be extracted as shown below.

Place all these files in the same directory.

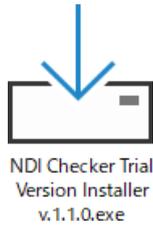
---

NDI Checker Trial Version Installer v.\*.\*.\*.exe  
 NDI Checker Trial Version Installer v.\*.\*.\*-1.bin  
 ⋮  
 NDI Checker Trial Version Installer v.\*.\*.\*-n.bin

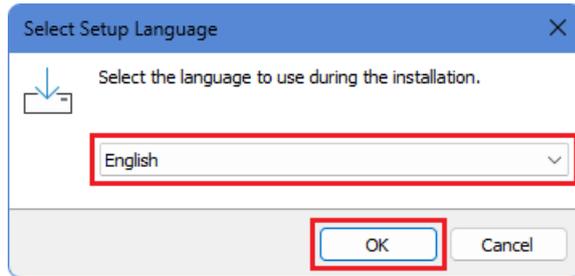
---

**4 Run the EXE file.**

Please run "NDI Checker Trial Version Installer v.\*.\*.exe."

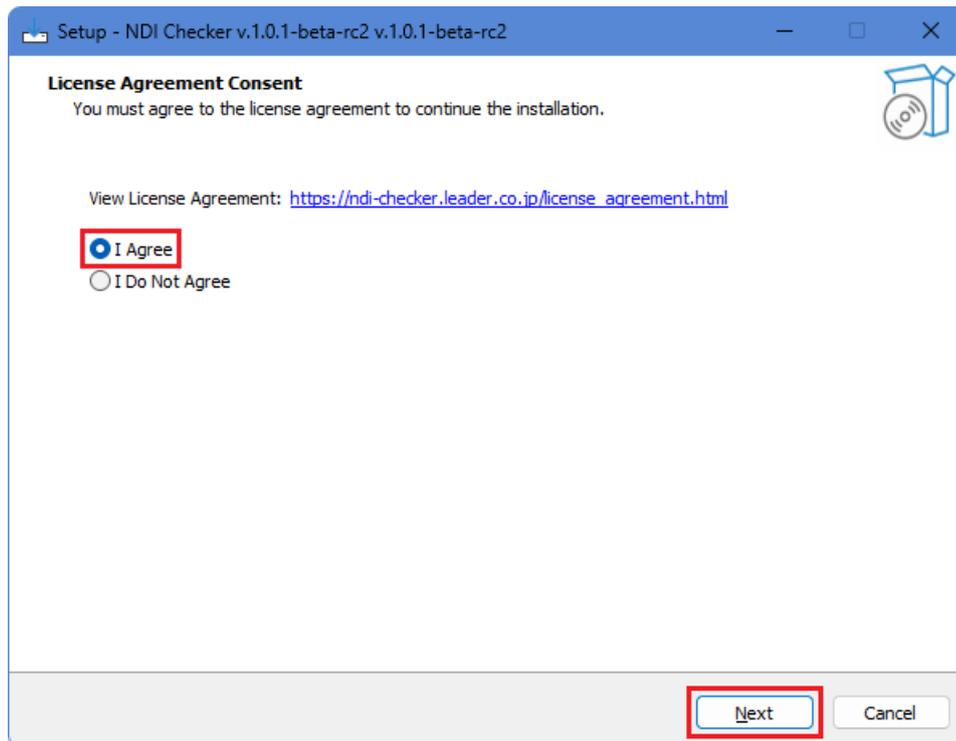


**5 Select the setup language and then click OK.**



**6 Accept the license agreement, then click Next.**

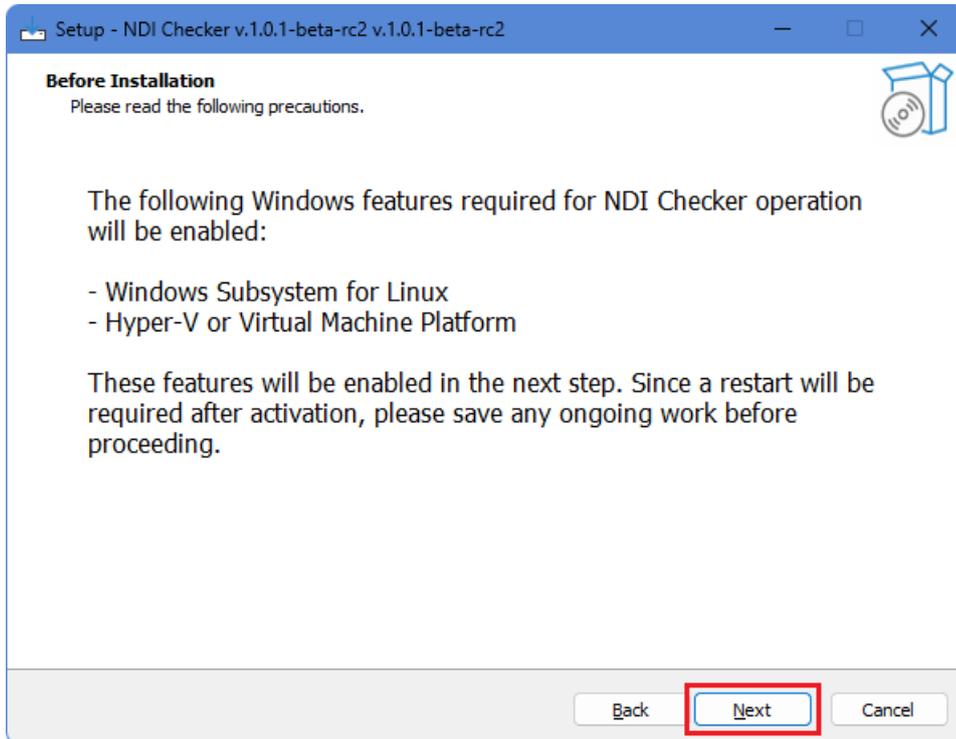
Please click the URL to view the license agreement.



**7 Check the notes and then click Next.**

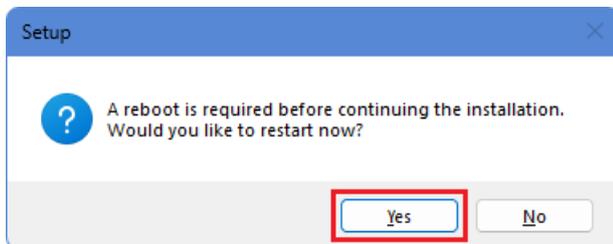
Click "Next" to automatically enable Windows features.

If these features are already enabled, this screen will not appear. See step 11 onwards.

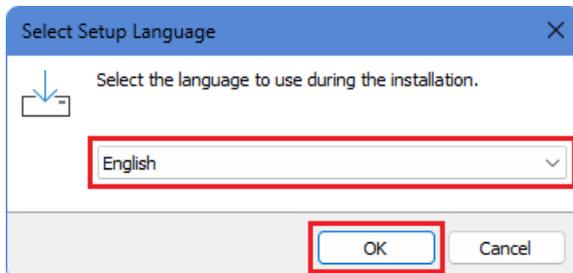


**8 Click Yes.**

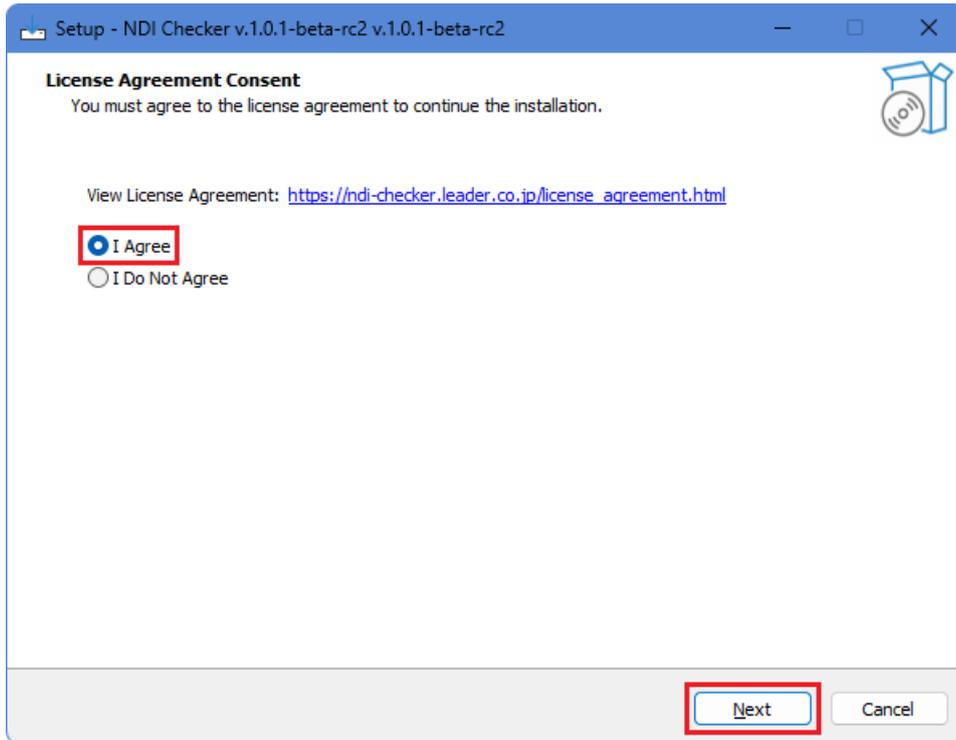
Click "Yes" to restart the PC.



**9 Select the setup language and then click OK.**

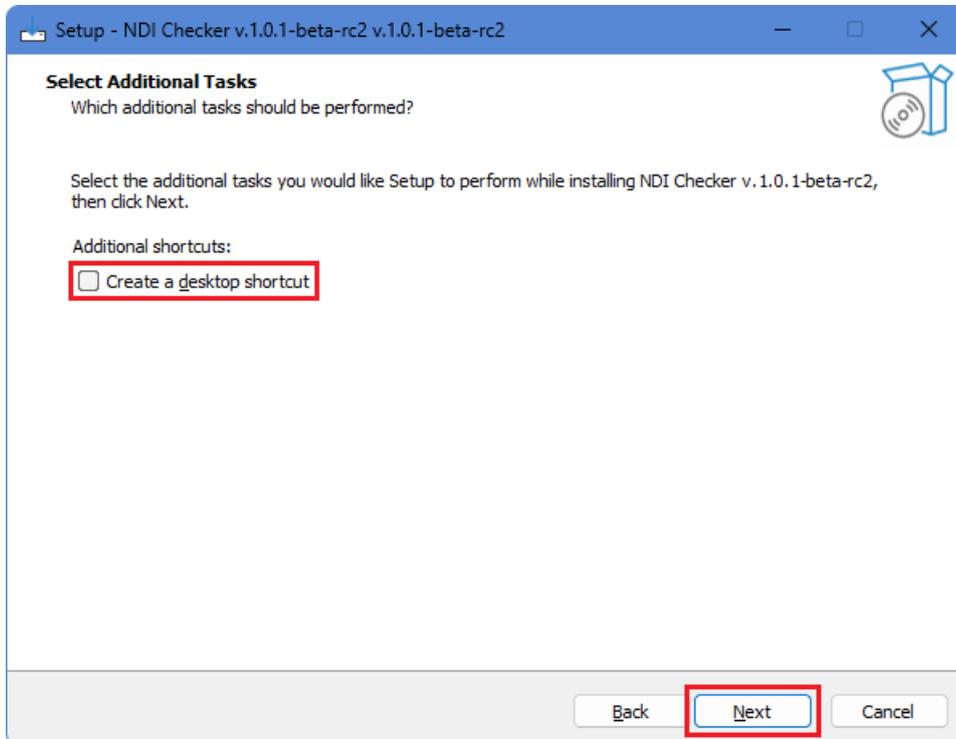


**10 Accept the license agreement, then click Next.**



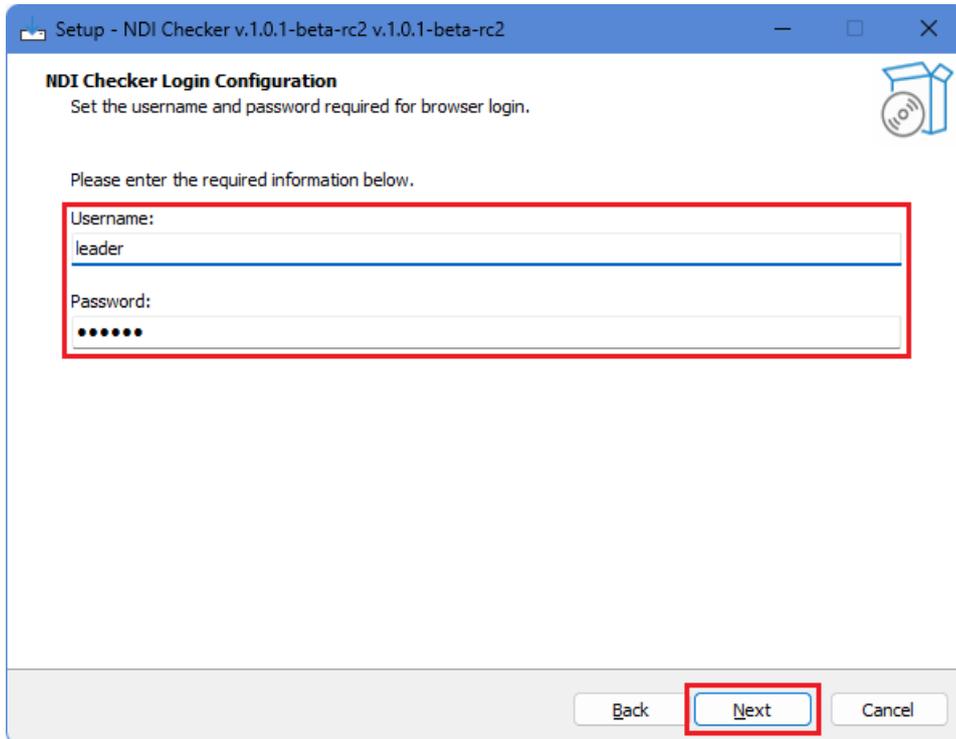
**11 Check any additional tasks as needed, then click Next.**

If you check "Additional shortcuts," a shortcut for the NDI Checker will be created on your desktop.



**12 Enter the username and password you use to launch the NDI Checker, then click Next.**

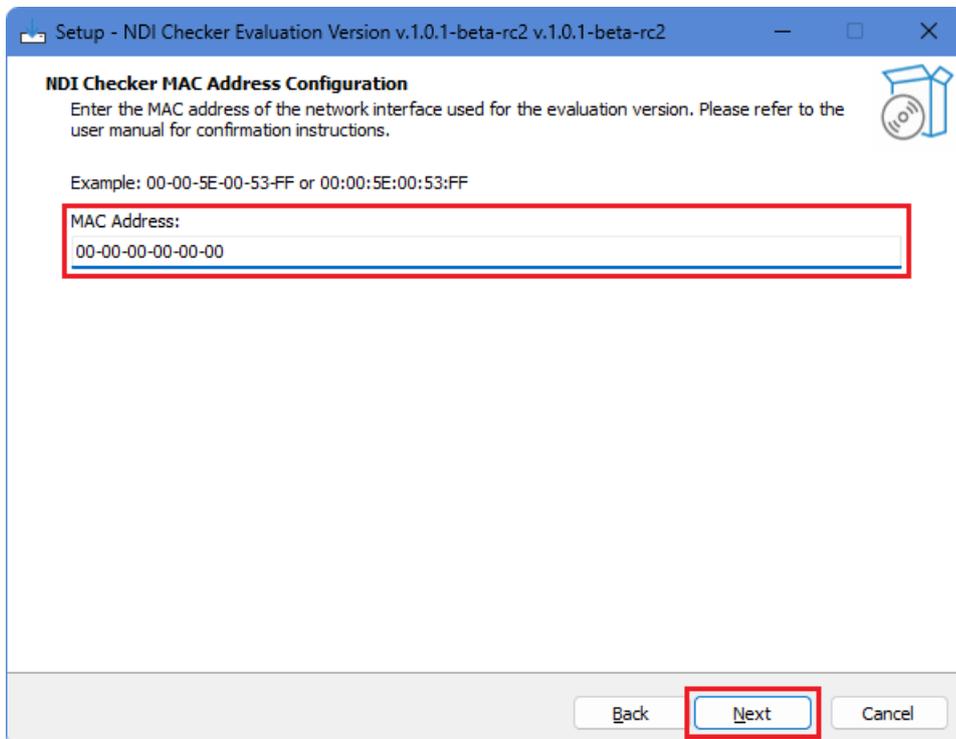
Please set your username and password using 64 characters or less.



The screenshot shows a Windows-style dialog box titled "Setup - NDI Checker v.1.0.1-beta-rc2 v.1.0.1-beta-rc2". The main heading is "NDI Checker Login Configuration" with the instruction "Set the username and password required for browser login." Below this, it says "Please enter the required information below." There are two input fields: "Username:" containing the text "leader" and "Password:" containing six dots. A red rectangular box highlights both input fields. At the bottom right, there are three buttons: "Back", "Next", and "Cancel". The "Next" button is highlighted with a red rectangular box.

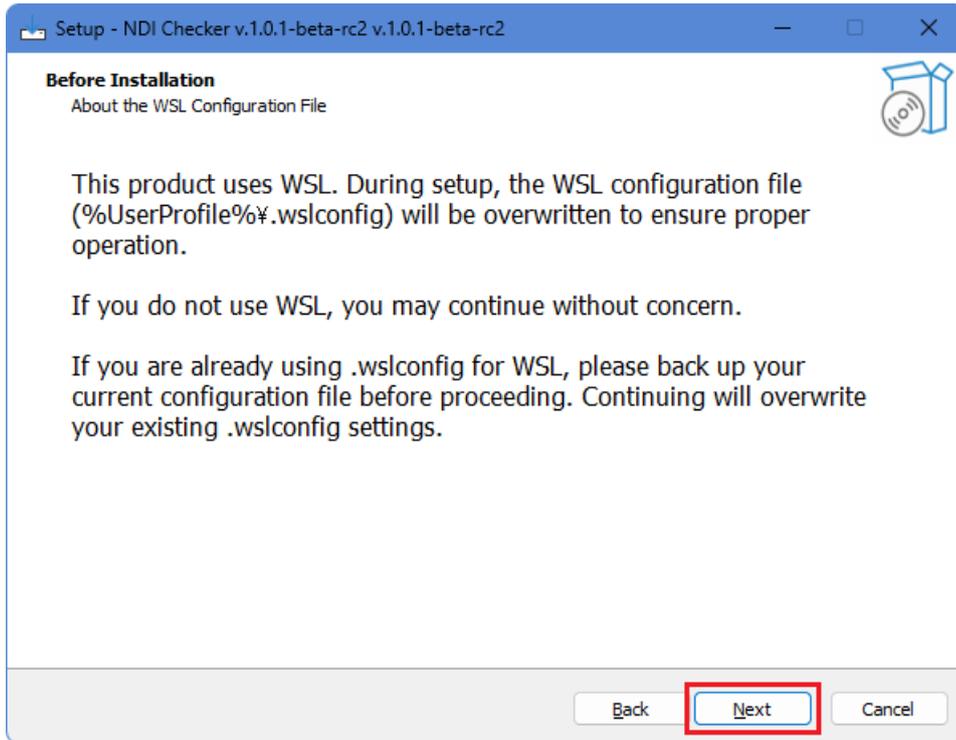
**13 Enter the MAC address and then click Next.**

For details on how to check the MAC address, 3.2.3.



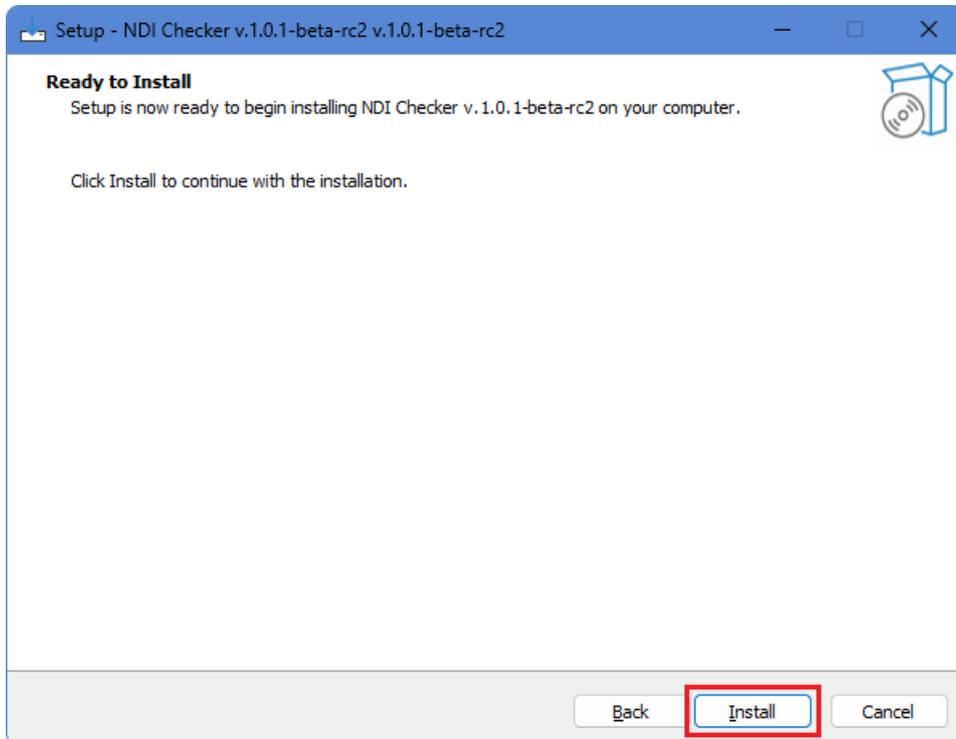
The screenshot shows a Windows-style dialog box titled "Setup - NDI Checker Evaluation Version v.1.0.1-beta-rc2 v.1.0.1-beta-rc2". The main heading is "NDI Checker MAC Address Configuration" with the instruction "Enter the MAC address of the network interface used for the evaluation version. Please refer to the user manual for confirmation instructions." Below this, it says "Example: 00-00-5E-00-53-FF or 00:00:5E:00:53:FF". There is one input field labeled "MAC Address:" containing the text "00-00-00-00-00-00". A red rectangular box highlights the input field. At the bottom right, there are three buttons: "Back", "Next", and "Cancel". The "Next" button is highlighted with a red rectangular box.

**14 Check the notes and then click "Next."**



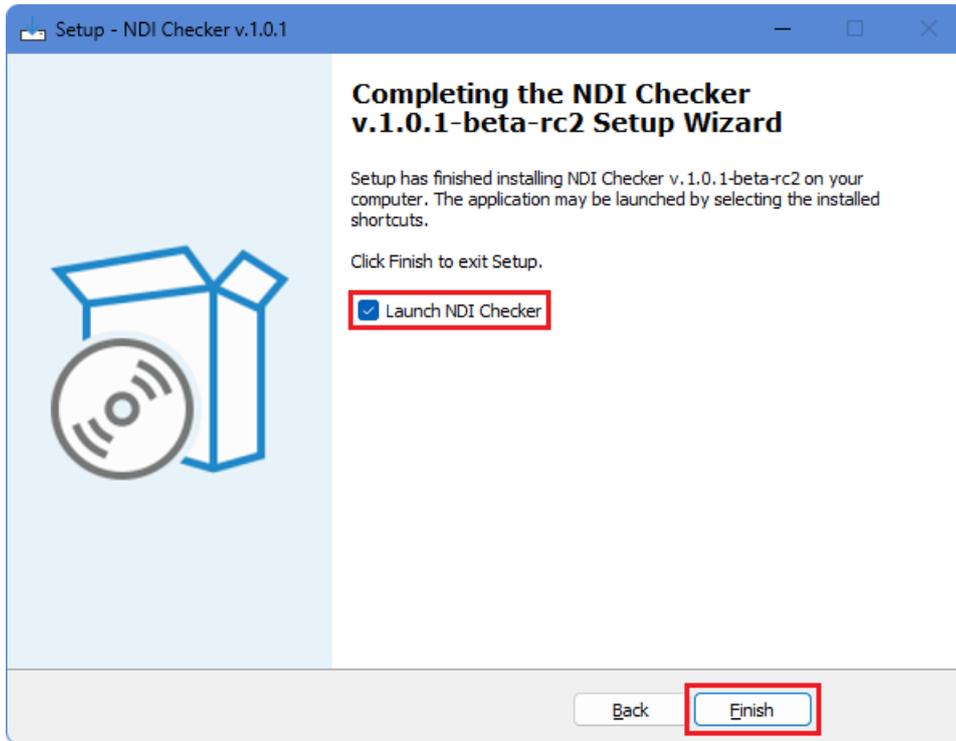
**15 Click "Install."**

Click "Install" to begin the installation.



**16 Click "Finish."**

If you check "Launch NDI Checker," the NDI Checker will launch after you click "Finish."



### 3.4.2 Starting the Trial Version

Follow the steps below to start the NDI Checker.

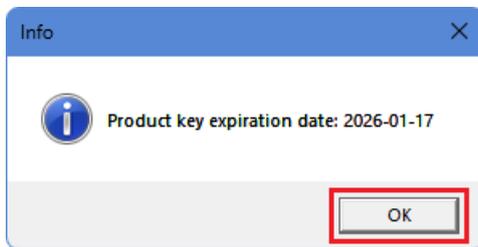
**1 Run "NDI Checker Trial Version v\*.\*.\*"**

Run it from the desktop icon or from the start menu.

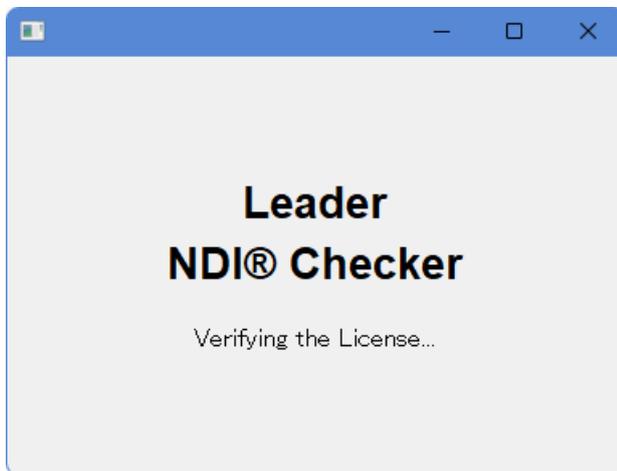


**2 Click OK.**

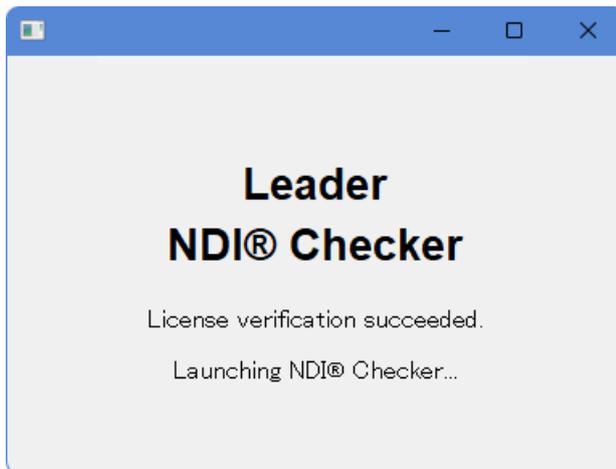
The Trial Version has a two-week usage limit after installation, and the expiration date is displayed.



Click "OK" to authenticate the expiration date.



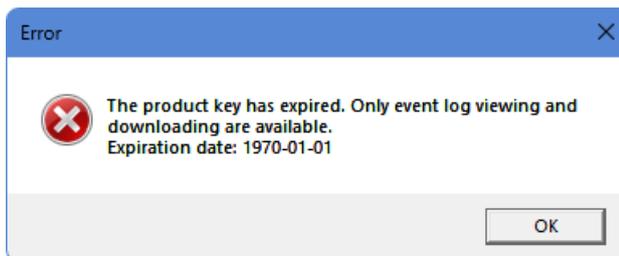
If authentication is successful, the following screen will be displayed and the browser will launch.



### Error Display

---

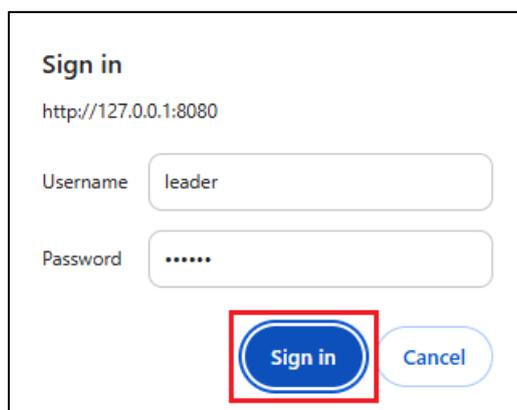
If the two week period has expired, an error message will be displayed. Clicking "OK" will launch the NDI Checker, but measurements will not be possible.



### 3 Enter your username and password, then click Sign In.

The username and password are those you set during installation.

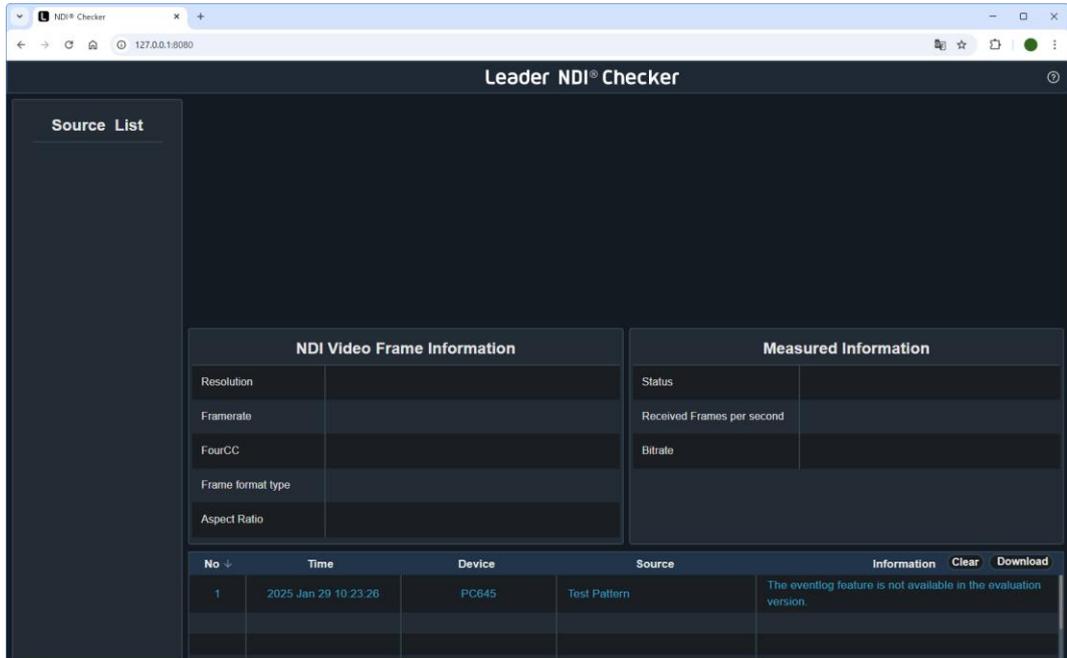
If you have forgotten these, please start the installation again. There is no need to uninstall the NDI Checker.



### 3 STEPS TO START USING THE SERVICE

When the following screen appears, you are ready to start measuring.

The event log function is not available in the Trial Version, but other functions can be used in the same way as the Licensed Version.



### 3.5 Exiting NDI® Checker

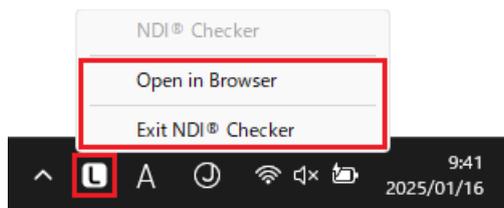
When NDI Checker is launched, an icon will appear in the system tray at the bottom right of your screen. You can right-click this icon to access the menu.

NDI Checker continues to run in the background, even if you close your browser.

To completely exit the application, select "Exit NDI® Checker" from the menu.

(Note: Clicking "Exit NDI® Checker" will not close the browser itself.)

To reopen NDI Checker after closing the browser, select "Open in Browser" from the same menu. Do not attempt to launch "NDI Checker v.\*.\*.\*" again directly, as this may cause the application to start twice and result in an error.



### 3.6 Updating NDI® Checker

#### **Change from the Trial Version to the Licensed Version**

---

If you are using the Trial Version and would like to use the Licensed Version, please follow the procedure below.

- 1 Check MAC address
- 2 Buy products
- 3 Uninstall the Trial Version
- 4 Installing the Licensed Version
- 5 Launching NDI Checker

#### **Licensed to Licensed Update**

---

If you are currently using the Licensed Version and would like to continue using it, please follow the steps below.

- 1 Check MAC address
- 2 Buy products
- 3 Installing the Licensed Version (\*1)
- 4 Launching NDI Checker

\*1 When placing a product key, please delete the product key that was previously in use.

#### **PC Changes**

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If you want to change the PC you use, please contact us via our website.

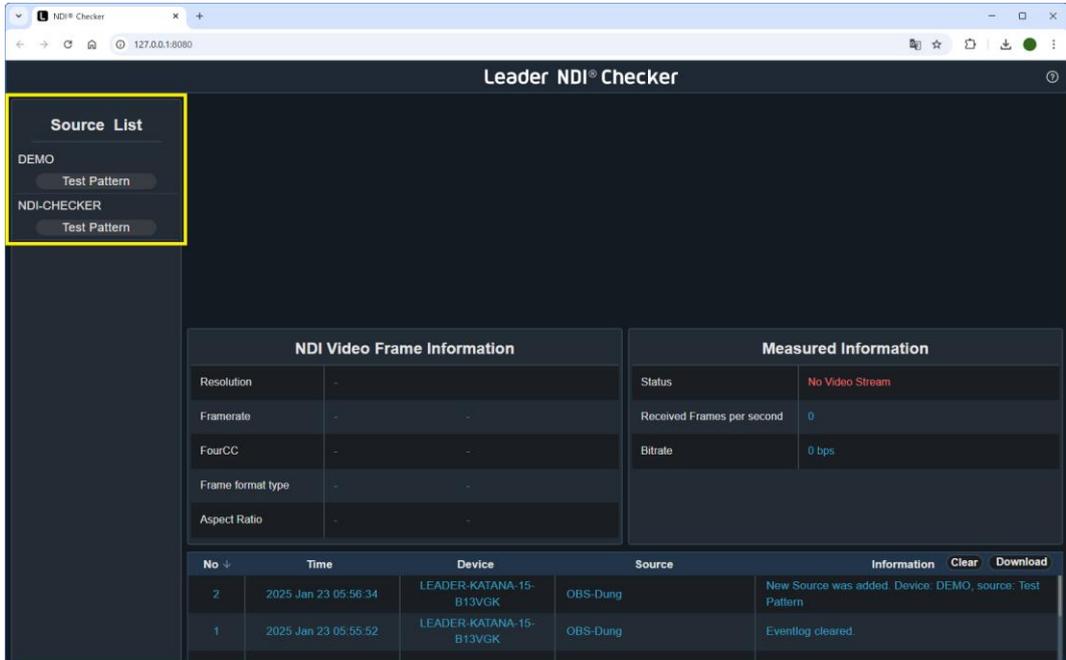
Website: <https://leaderphabrix.com/products/ndi-checker/>

# 4 MEASUREMENT

## 4.1 Measurement Procedure

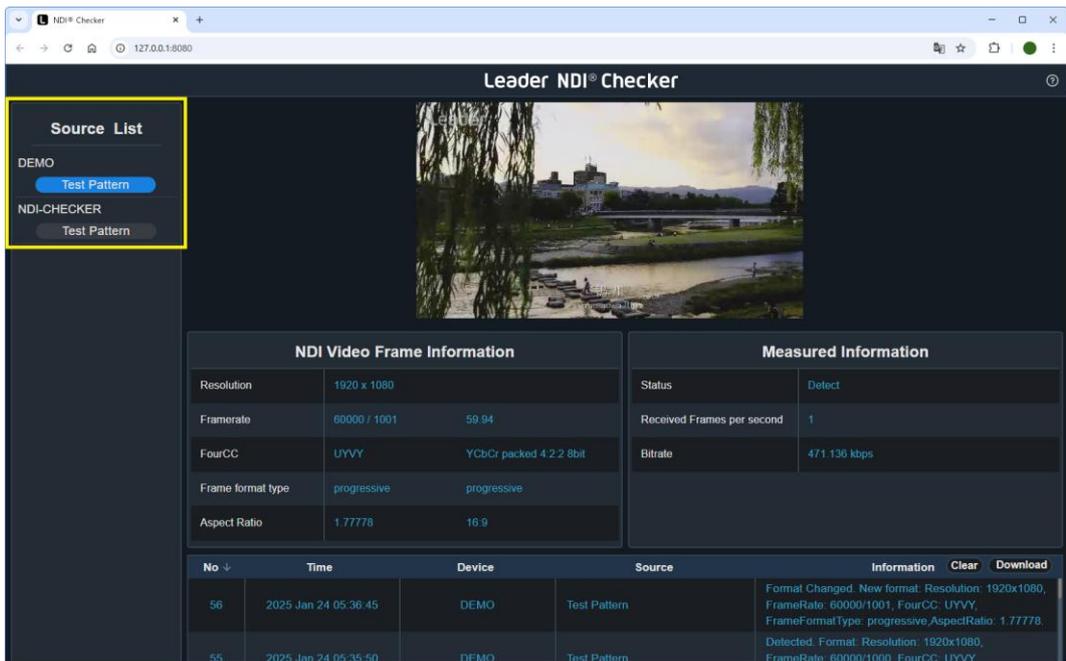
### 1 Input the NDI signal to the PC.

When an NDI signal is input, a list of device names and source names will be displayed in the "Source List."



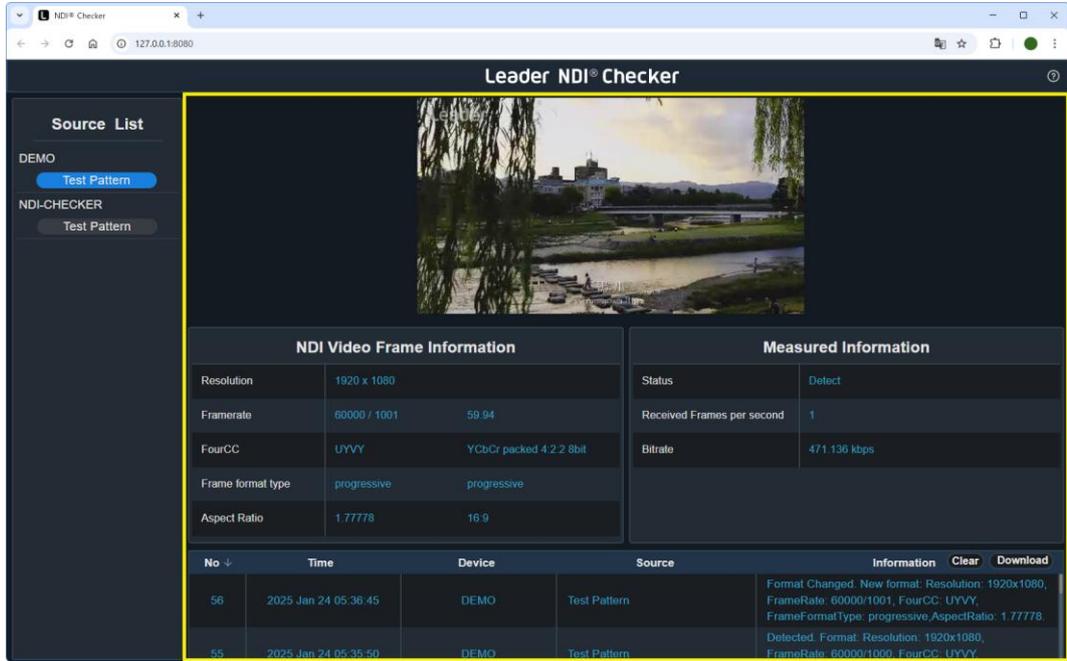
### 2 Select the measurement signal from the Source List and click the source name.

The selected source name will be displayed in blue, and measurement will begin.

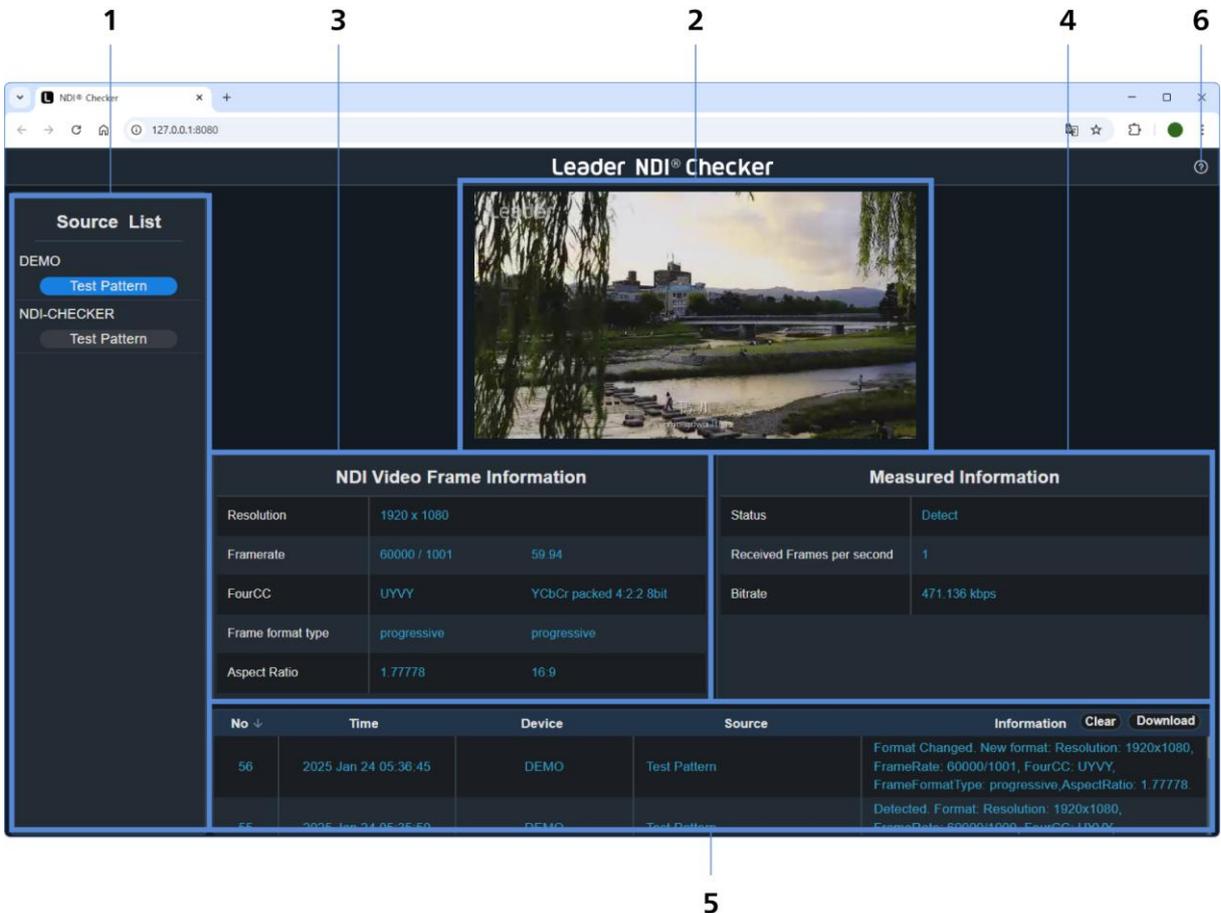


3 Check the measurement results.

You can check the video in Picture Display, video format information in NDI Video Frame Information, measurement information in Measured Information, and information on events that have occurred in the event log.



4.2 Measurement Screen Explanation



### **1 Source List**

Displays a list of the device names and source names of NDI Senders on the network.  
Click on the source name to receive and measure the signal.

If there are multiple signals, only the selected one can be measured. The currently selected signal is displayed in blue.

### **2 Picture Display**

The video of the selected signal is displayed simply.

The formats supported for picture display are part of the formats supported for measurement. For details, "2.3.4 Picture Display Supported Video Formats."

Because the image is displayed at a reduced pixel count and frame rate, it is not suitable for checking image quality.

### **3 NDI Video Frame Information**

Displays the video format information of the selected signal.

[Reference] "4.2.1 NDI Video Frame Information"

### **4 Measured Information**

Displays measurement information for the selected signal.

[Reference] "4.2.2 Measured Information"

### **5 Event Log (Licensed Version Only)**

Displays a list of events that occurred during measurement.

It can be output in CSV format.

[Reference] "4.2.3 Event Log (Licensed Version Only)"

### **6 Help window**

Displays information about this product.

[Reference] "4.2.4 Help Window"

4.2.1 NDI Video Frame Information

This section describes the items displayed in the NDI Video Frame Information screen. Measurement values are normally displayed in light blue, but if attention is required they will be displayed in yellow, and if there is an error they will be displayed in red.

NDI Video Frame Information		
Resolution	1920 x 1080	
Framerate	60000 / 1001	59.94
FourCC	UYVY	YCbCr packed 4:2:2 8bit
Frame format type	progressive	progressive
Aspect Ratio	1.77778	16:9

**Resolution**

Displays the resolution.

Resolution	Display Color
Other than the following	Light blue
X value is greater than 3840 or Y value is greater than 2160	Yellow
X or Y value is less than or equal to 0	Red

**Framerate**

Displays the frame frequency or field frequency. To the right of the value is an interpretation of the Framerate.

Framerate	Interpretation	Display Color
25/1, 2500/100, 25000/1000	25.00	Light blue
2997 / 100, 30000 / 1001	29.97	
30/1, 3000/100, 30000/1000	30.00	
50/1, 5000/100, 50000/1000	50.00	
5994 / 100, 60000 / 1001	59.94	
60/1, 6000/100, 60000/1000	60.00	
Other than the above or below	Show Framerate	Yellow
Numerator or denominator is less than or equal to 0	Show Framerate	Red

**FourCC**

Displays the video format. To the right of the value is the FourCC interpretation.

FourCC	Interpretation	Display Color
UYVY	YCbCr packed 4:2:2 8bit	Light blue
UYVA	YCbCr with alpha packed 4:2:2:4 8bit	
P216	YCbCr semi-planar 4:2:2 16bit	
PA16	YCbCr with alpha semi-planar 4:2:2:4 16bit	
YV12	YCrCb Planar 4:2:0 8bit	
I420	YCbCr Planar 4:2:0 8bit	
NV12	YCbCr Semi-planar 4:2:0 8bit	
BGRA	BGR with alpha Planar 4:4:4:4 8bit	
BGRX	BGR Planar 4:4:4 8bit	
RGBA	RGB with alpha Planar 4:4:4:4 8bit	
RGBX	RGB Planar 4:4:4 8bit	
Max (0x7fffffff)	Invalid: 0x ****	Red
Other than the above	Undefined: 0x ****	

**Frame format type**

Displays the scanning method. The right side of the value displays the interpretation of the Frame format type.

Frame format type	Interpretation	Display Color
Interleaved (0)	Interlaced	Light blue
progressive (1)	progressive	
field_0 (2)	Interlaced	
field_1 (3)	Interlaced	
Max (0x7fffffff)	Invalid	Red
Other than the above	Undefined	

**Aspect Ratio**

Displays the aspect ratio. To the right of the value is an interpretation of the Aspect Ratio.

Aspect Ratio	Interpretation	Display Color
1.77778	16:9	Light blue
0	square	
Any other positive value	Custom	
Any other negative value	Custom	Red

## 4.2.2 Measured Information

This section explains the items displayed in Measured Information.

Measurement values are normally displayed in light blue, but if attention is required they will be displayed in yellow, and if there is an error they will be displayed in red.

Measured Information	
Status	Detect
Received Frames per second	1
Bitrate	480.376 kbps

### Status

---

Displays the signal status.

Status	Explanation	Display Color
Detect	NDI signal detected	Light blue
Picture is not implemented for this FourCC	The currently received FourCC does not support picture	Yellow
Frame drop detected: {number of drops}	Frame Drop Detected	
No Video Stream	No NDI signal	Red
Invalid Product Key : { Reason }	Product key is invalid	

### Received Frames per second

---

An integer representing the number of video frames received in the last second. This is a different value than the frame rate.

Received Frames per second	Display Color
Non-zero	Light blue
0	Red

### Bitrate

---

Displays the bit rate of the signal being received. This bit rate value includes not only the video signal, but also audio, metadata and control signals.

Bitrate	Display Color
Positive value	Light blue
0 or Negative values	Red

### 4.2.3 Event Log (Licensed Version Only)

This section describes the items displayed in the event log.

The event log is a list of events that occurred during measurement and is useful for checking past events. It can also be output in CSV format.

The event log can store up to 100,000 events, of which the most recent 5,000 events are displayed on the screen and the rest are stored in the internal memory. Please note that if you reinstall the NDI Checker due to an update, etc., all event logs will be erased.

Please note that this function cannot be used in the Trial Version.

The Information section displays the message "The eventlog feature is not available in the trial version."

No ↓	Time	Device	Source	Information	Clear	Download
57	2025 Jan 24 05:44:38	DEMO	Test Pattern	Frame drop detected: 59		
56	2025 Jan 24 05:36:45	DEMO	Test Pattern	Format Changed. New format: Resolution: 1920x1080, FrameRate: 60000/1001, FourCC: UYVY, FrameFormatType: progressive, AspectRatio: 1.77778. Detected. Format: Resolution: 1920x1080		

#### Display Content

The following items are displayed in chronological order:

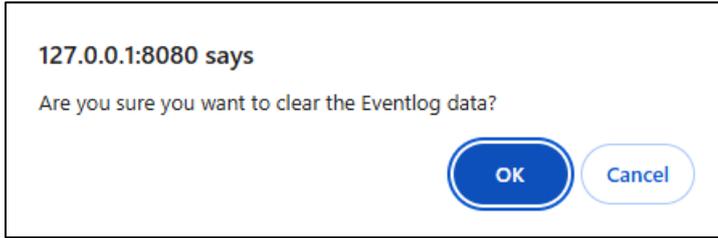
Clicking on the title No (Number), Time, Device, Source, or Information will sort the list in ascending or descending order.

Item	Explanation	Display Color
Detected. { format }	NDI signal detected	Light blue
Source Select Updated Device: "{Device name}", Source: "{Source name}"	Change the measurement signal	
New Source was added. Device: {Device name}, Source: {Source name}	Newly discovered NDI Sender	
Source was removed. Device: {device name}, Source: {source name}	NDI Sender disappears from the network	
Eventlog cleared.	Clearing the Event Log	
The eventlog feature is not available in the trial version.	Event log function is not available in the Trial Version	
Frame drop detected : {number of drops}	Frame Drop Detected	Yellow
No Video Stream	No NDI signal	Red

### Clearing the Event Log

When you click the Clear button, a confirmation message will appear; click "OK" to clear the event log.

This will clear all displayed and internally stored event logs.



### Downloading the Event Log

Click the Download button to save the event log in CSV format.

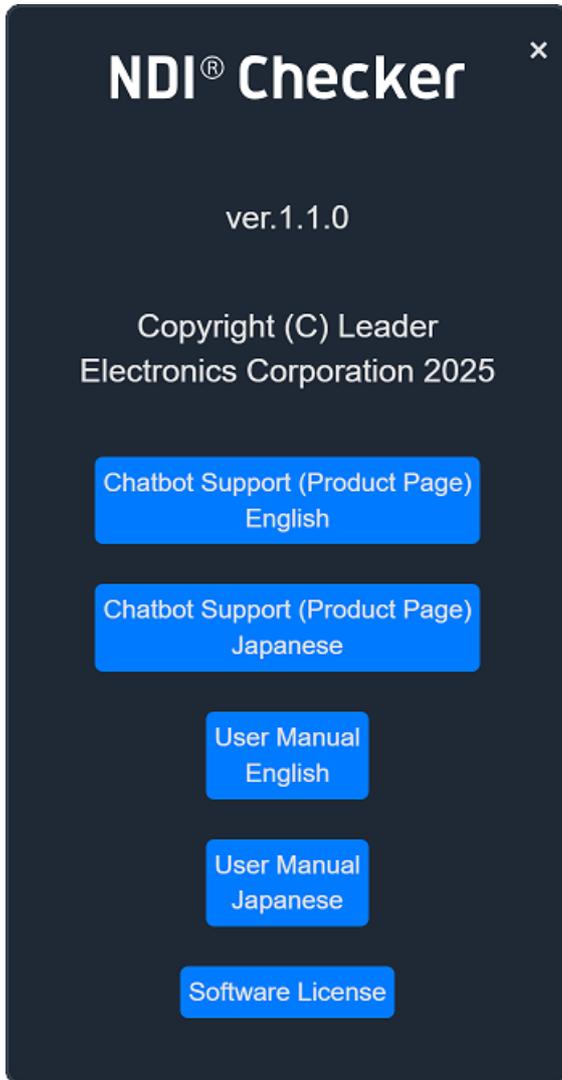
Saves all of the displayed and internally stored event logs.

EventLog\_YYYYMMDD\_hhmm.csv

	A	B	C	D	E
1	No	Time	Device	Source	Information
2	1	2025 Jan 23 05:59:10	DEMO	Test Pattern	Source Select Updated. Device: DEMO"
3	2	2025 Jan 23 05:59:11	DEMO	Test Pattern	Detected. Format: Resolution: 1920x1080, FrameRate: 60000/1001, Fou
4	3	2025 Jan 23 06:05:51	DEMO	Test Pattern	Format Changed. New format: Resolution: 1920x1080, FrameRate: 3000
5	4	2025 Jan 23 06:06:13	DEMO	Test Pattern	Format Changed. New format: Resolution: 1920x1080, FrameRate: 6000
6	5	2025 Jan 23 06:24:16	DEMO	Test Pattern	No Signal
7	6	2025 Jan 23 06:24:16	DEMO	Test Pattern	Source was removed. Device: DEMO, source: Test Pattern
8	7	2025 Jan 24 00:53:03	DEMO	Test Pattern	New Source was added. Device: DEMO, source: Test Pattern
9	8	2025 Jan 24 00:53:05	DEMO	Test Pattern	Detected. Format: Resolution: 1920x1080, FrameRate: 60000/1001, Fou
10	9	2025 Jan 24 00:53:05	DEMO	Test Pattern	Frame drop detected: 29

## 4.2.4 Help Window

This section explains the help window that appears when you click the help button in the upper right corner of the screen.




---

**ver.\*.\*.\***

Displays the software version.

---

**Product Page (Q&A)**

Open the support page on the website. (English, Japanese)

---

**User Manual**

Open the instruction manual in PDF format. (English, Japanese)

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**Software License**

Displays the software license.

# 5 RELEASE NOTES

This document is based on software version 1.1.0.

The software version can be checked on the NDI Checker help window.

## **Ver. 1.1.0**

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- Support installation in English.
- Microsoft Edge is supported.
- Improved so that the installer can retry when an error screen appears due to no internet connection at startup.
- Fixed an issue where the network license could become invalid due to time mismatch in Windows.

## **Ver. 1.0.0**

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- New release.

## **Leader Electronics Corporation**

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<https://leaderphabrix.com>