



## **NEWYES AS1503 Scan Reader Pen User Manual**

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# **NEWYES**

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## Introduction

Thank you for purchasing our product.

Please be sure to read this manual to maximize the performance of this product and use it safely

- The illustrations and screen diagrams in this manual may be different from the actual ones.
- When using overseas, please check the laws and regulations of the country/region and other conditions.
- The company is not responsible for any loss caused by deviation from the contents of the instruction manual.
- The company is not responsible for any damage caused by malfunctions or malfunctions caused by connected devices, peripheral devices, software, or applications that are not specified or involved by the company.
- If data, files, etc. are deleted or changed due to malfunction, maintenance or other processing of this machine, we will not be responsible for any damage or loss of profits caused by data recovery or data recovery.
- When disposing of this machine, please follow the regulations of the local government.
- We are not responsible for any data or information leakage during network communication.
- Use genuine accessory equipment used in this machine. The warranty does not cover malfunctions or malfunctions caused by the use of non-genuine equipment.

## Equipment Handling

- This unit is not waterproof. Do not use it in places with high temperature and humidity (working temperature 5° C to 35C, humidity 45% to 85%) and dusty places such as bathrooms, kitchens, and toilets. vibration. If excessive force is applied to the monitor, it may damage the internal board and cause malfunction, so do not place it under heavy objects. Even if there is no external damage, it is not covered by the warranty. When children use it, parents should teach them how to operate it to avoid danger, be careful, and instruct them not to use it incorrectly.

## About Cleaning

- If it is dirty, wipe it dry with a soft cloth. Do not use gasoline, thinner, alcohol, etc., otherwise the appearance and characters may be damaged.

## About the Built-in Battery

- The built-in battery of this product is a "lithium ion battery".  
When disposing of this product, please properly dispose of it in accordance with the disposal method of the local government.
- In an extremely high or low temperature environment, such as leaving the car in a closed car, the battery capacity will decrease and the available time will be shortened. In addition, because the battery life will be shortened, please use it at room temperature (operating temperature 5° C to 35C, humidity 45% to 85%) as much as possible,
- The built-in battery is a consumable item and cannot be replaced.
- If the function is not restored after charging, the product itself has reached the end of its service life. The service life varies depending on the conditions of use, but it is assumed to be about 2 to 3 years.
- When you use it for the first time or have not used it for a long time, please charge the battery before use.
- A message will be displayed when the battery is low, and it will turn off after a period of time. If you start charging when the battery is empty, charging may not start immediately when you turn on the power. In this case, please charge for a while, and then turn on the power.
- The use time of the built-in battery varies with the use environment and the degree of battery deterioration. In addition, depending on the conditions of use, the battery may swell as it approaches its service life.

## About Charging

- When charging the unit, please use the supplied USB cable or a commercially available USB cable to connect a device with a rated output of DC 5V/1A to charge the unit.
- When connecting, check the shape of the connector of the charging device and make it in the correct direction. If you cannot connect successfully, please do not force the connection, and try to connect after the adjustment is correct.
- Note: The battery of this product cannot be replaced by yourself,

## About Wi-Fi Function

- The Wi-Fi function uses the 2.4Ghz frequency band. If radio wave interference occurs between this unit and other devices, change the location of this unit or stop using it.
- It has not been confirmed that this unit is compatible with all Wi-Fi devices. In addition, we do not guarantee that it will work.
- When using it on an airplane, please check with your airline.
- If you use it near something that emits radio waves (radio, etc.) or receives radio waves (television, radio, etc), interference may occur and affect the communication status of both parties (slow or disconnect).

## Package Contents

- The package contains the following items. Please confirm before use.



Scan Reader Pen	x 1
User Guide (including warranty)	X 1
USB Charging Cable	x 1

※ The appearance and specifications of accessories are subject to improvement without notice.

## Product Overview

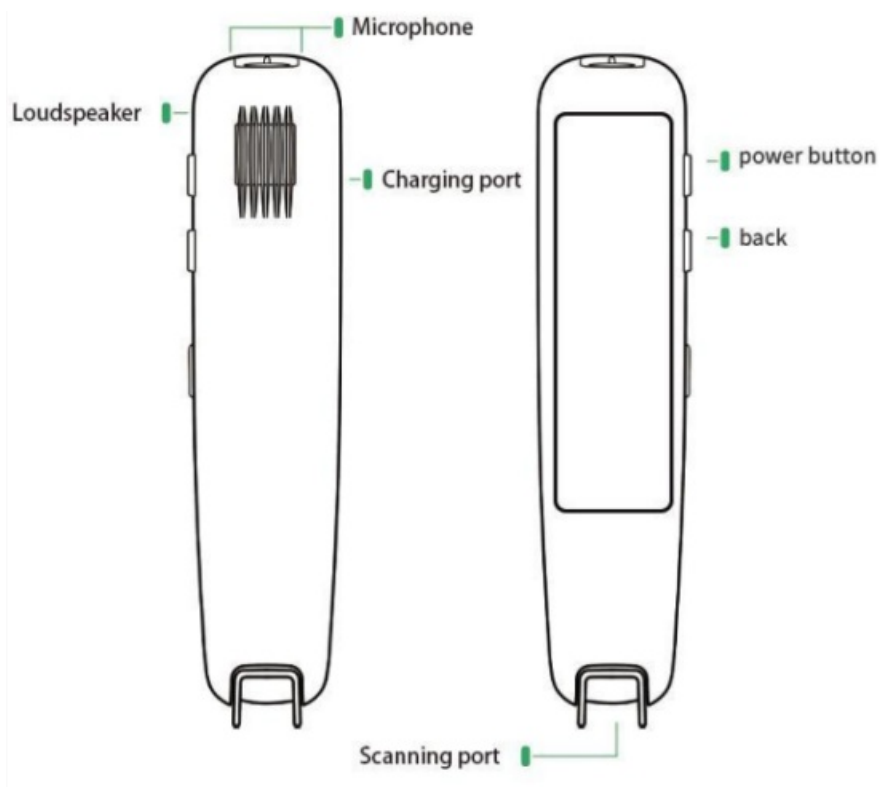
- Scan Reader Pen is an artificial intelligence hardware product that integrates multiple technologies such as speech recognition, OCR (character recognition), text scanning and translation, and phonetic translation. When you connect to the network via Wi-Fi or tethering, you only need to output the audio to instantly translate into the desired language. You can also translate characters into the language you want. When traveling abroad, learning a foreign language, or talking in business, you can communicate smoothly between different languages.

## Body Structure

- The following are the names of the Body structure of the Scan Reader Pen.

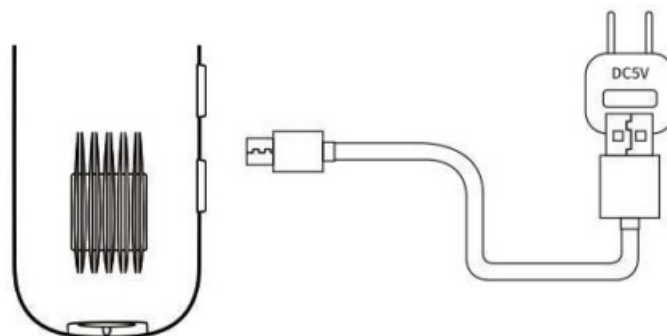
- In this manual, the names described are used to explain operations.

1. Power button (Turn on/off the power, turn off/on the screen.)
2. Phonetic translation/ volume key
3. Phonetic translation/ volume key
4. 2.22-inch touch screen (The protective film is attached to the machine when it leaves the factory. Tear it off before use,)
5. Microphone (left)
6. Microphone (right)
7. Loudspeaker
8. Scanning port
9. Charging port (used when charging)



## Charging Method

- Connect the attached USB cable or a commercially available USB cable to the charging terminal of the host, and connect the other end to a device with a rated output of DC 5V/1A or less for charging.



# When connecting please check the shape of the charging device connector and then proceed to the correct direction. If you cannot connect successfully please do not force the connection.

- Standby time: about 80 hours
- Use time: about 3 hours

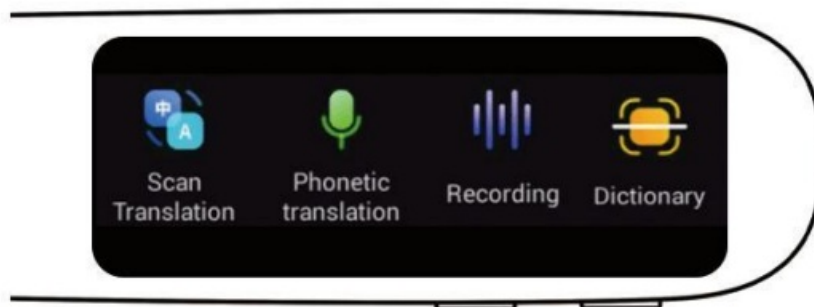
※ Depending on the operating environment and settings it may become shorter.

## The Main Screen

\* The main screen consists of the following elements.

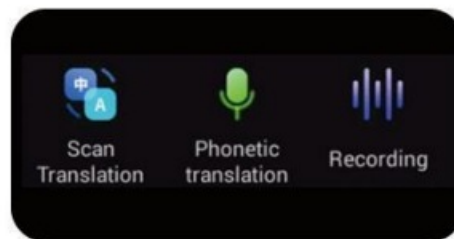
### 1. Status bar

- It is displayed at the top of the screen. Display Wi-Fi signal strength (not displayed when offline) battery level, and other icons



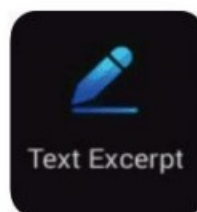
### 2. Scan Translation, Phonetic translation Dictionary, Recording, Text Excerpt

- Tap to start the Scan Translation. Support Chinese, English, Japanese, Korean, German, Spanish, French, Italian, Portuguese, Russian, Indonesian, Vietnamese (Vietnam) offline translation Support online translation up to 55 languages, Arabic (Egyptian) Dutch, Russian, Swedish, South African, Indonesian, Malaysian, Filipino.



### 3. Text Excerpt

- Text can be extracted from documents by scanning and Text Excerpt saved on this unit or PC.



### 4. Dyslexia Aid

- Read the word of the text one by one.



#### 5. Recoding

- Tap the icon to start recording.



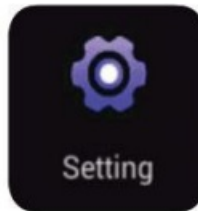
#### 6. Favorites

- The translation result selected in the favorites folder is displayed in the list. Only the translation results of “text translation” and “dictionary” can be selected as favorites.



#### 7. Setting

- Used to change local settings such as WI-FI, screen brightness, adjustment, language settings, etc.



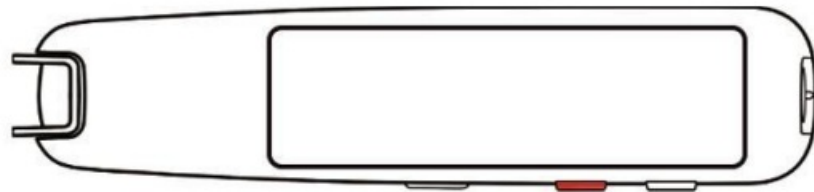
### First Operation

- When using it for the first time, you must be connected to Wi-Fi.
- Turn on the power in the Wi-Fi environment and follow the steps below to set it up.

※ This setting is also required for the first startup after initialization.

### Turn on The Power

- Press and hold the power button on the bottom of the main unit (3 seconds or more) to display the LCD screen and start the main unit.
- ※ This setting is also required for the first startup after initialization.



Long press here( More than 3 seconds)

## Power off / Restart

- If you press and hold the “Power button” (3 seconds or more) while the main unit is running, a confirmation screen will be displayed on the LCD screen.
- To turn off the power, please click “power off”.
- To restart, click “Reboot”.
- To cancel, click “X”.

## Force Restart

- If the device stops working, press and hold the “power button” for about 15 seconds to forcibly restart it.

## Language Settings

- Select the menu language for operating this unit.
- Click “English”.(Note: It is the language selection displayed on the host, please note that it is not the choice of translation language.)



## Connect to Wi-Fi

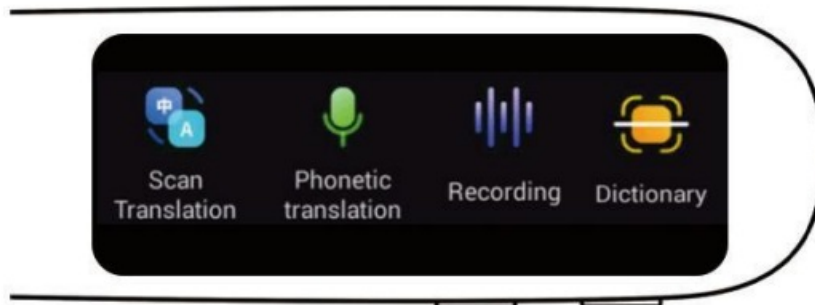
- Please connect to Wi-Fi and connect to the Internet before use. Open the “Settings” menu on the host, and then click the Wi-Fi settings menu.
- Select a Wi-Fi SSID that can access the Internet and enter the password.





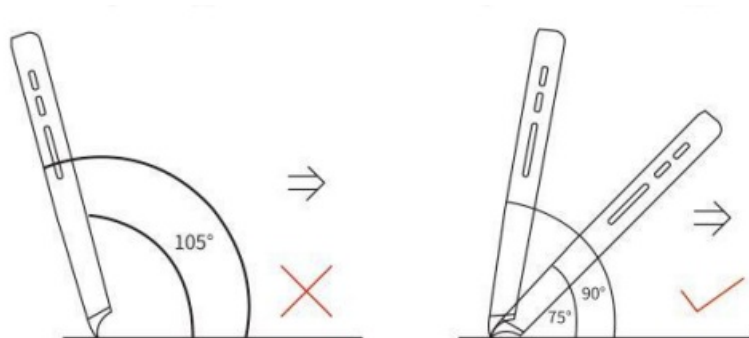
## Setup Complete

- After the initial setup is completed, the main screen will be displayed and you can use the machine.

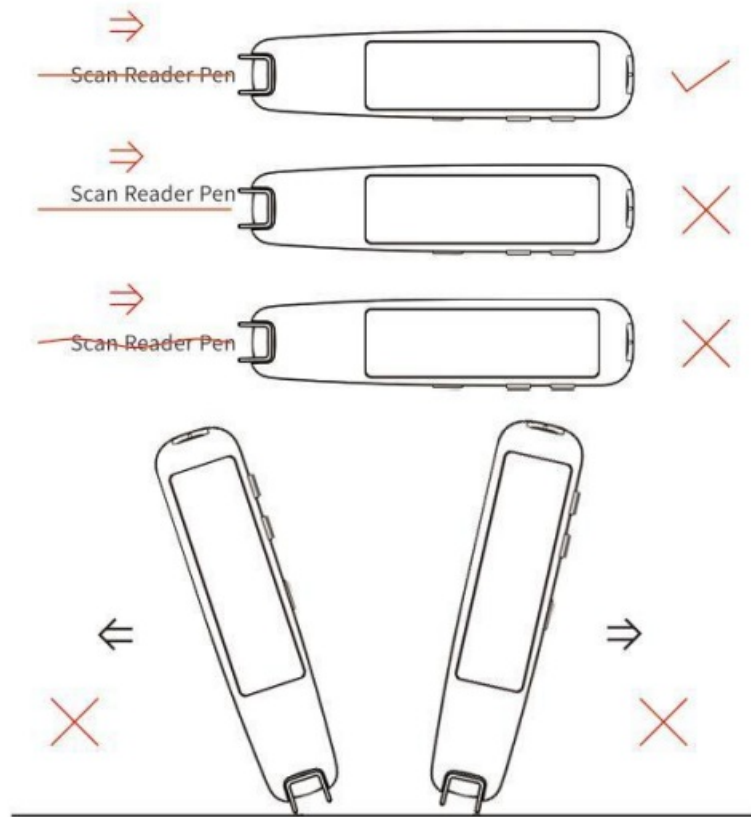


## How to Use

- How to Scan
- Correctly recognize the character you are looking for.

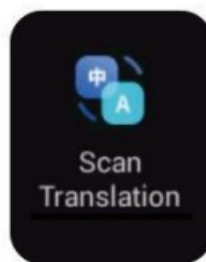


- Please keep the angle between 90° and 75, and the tip of the pen touches the paper surface to fit.
- Align the transparent window with the line in the middle of the text, and hold the pen to move to the right at a constant speed.



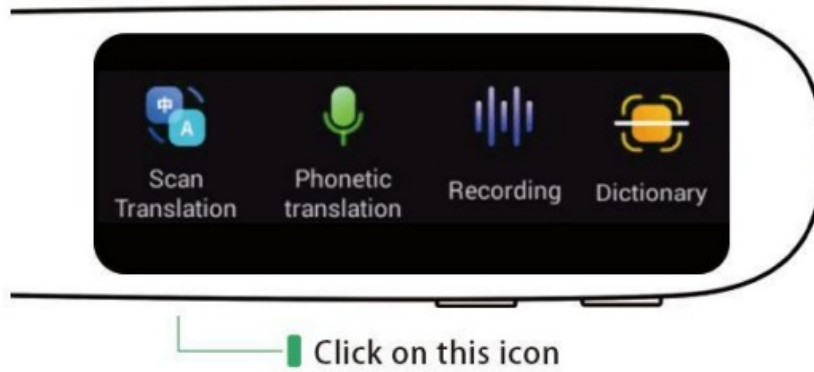
## Translation

- Scan Translation
- The text scanned by this machine can be translated to Support Chinese, English, Japanese, Korean, German, Spanish, French, Italian, Portuguese, Russian, Indonesian, Vietnamese (Vietnam) offline translation Support online translation up to 55 languages, Arabic (Egyptian) Dutch, Russian, Swedish, South African, Indonesian, Malaysian, Filipino.

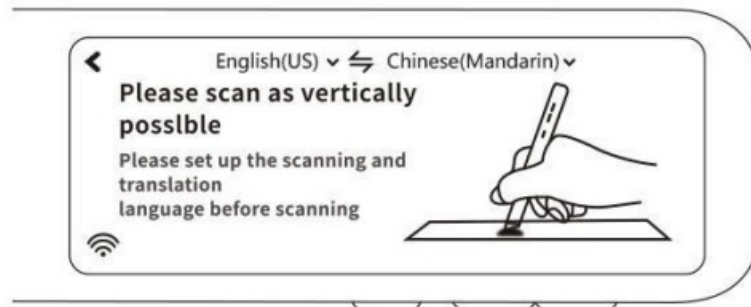


※ The following is an example of translating English to Japanese.

1. Click "Text translation" on the LCD screen.



2. Select the scanning language name and translation language name, and click the " " button in the upper right corner.

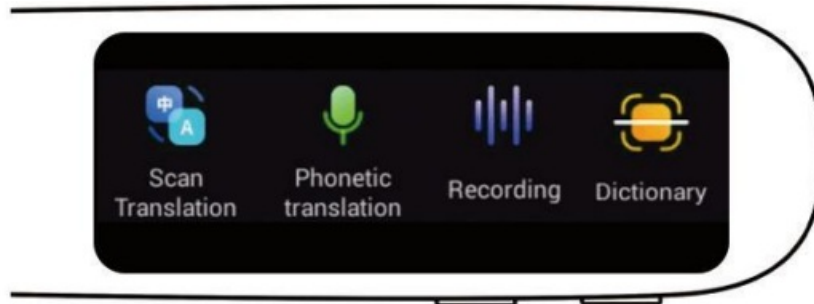
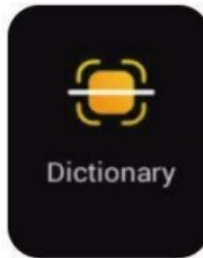


3. Scan the text you want to find.
4. After the translation is completed, the text will be displayed on the screen and read aloud automatically. Clicking the "Original"/" Translation" button will read the corresponding language.
5. Click the "★" button in the upper right corner to add the scanned content and translation results to "Favorites", You can view it from [Favorites] by adding to favorites.

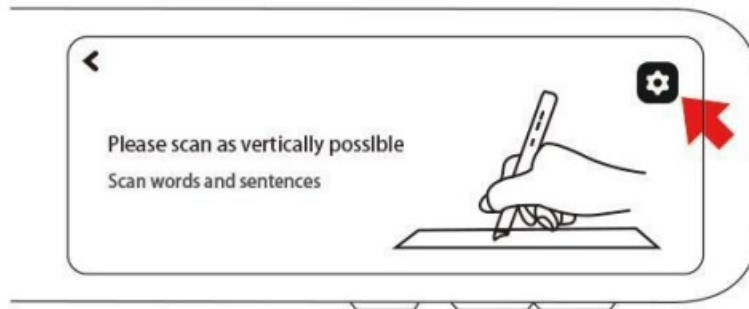


## Collins English Dictionary

- How to use it?
- Click Dictionary.

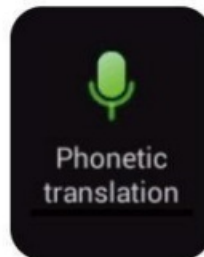


- Click the right top corner icon to choose the dictionary.



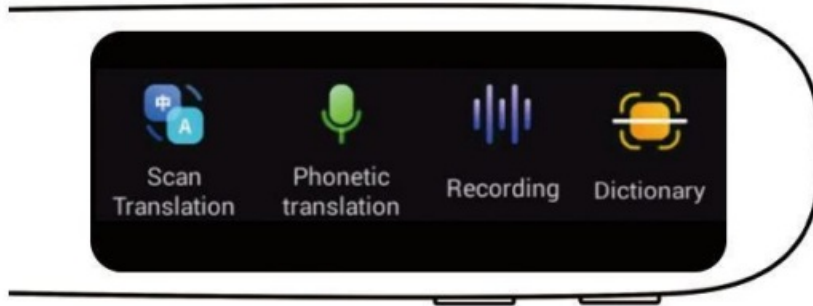
## Speech Translation


- This function can translate voice calls and can translate 112 languages in real time.



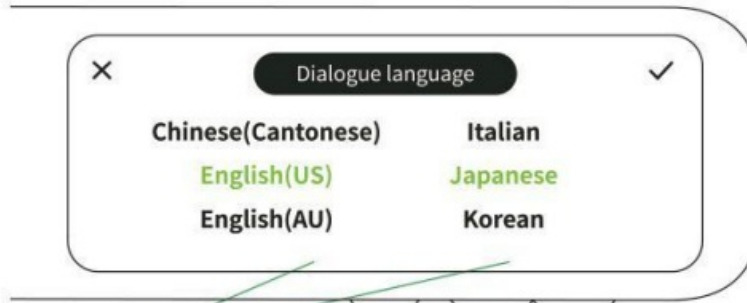
- [Note] Wi-Fi connection is required to use phonetic translation.  
※ The following is an example of translating English to Japanese.

1. Click "Speech Translation" on the LCD screen.



Click on this icon 

2. Select the original language and the language you want to translate.



 Slide the screen to select a language

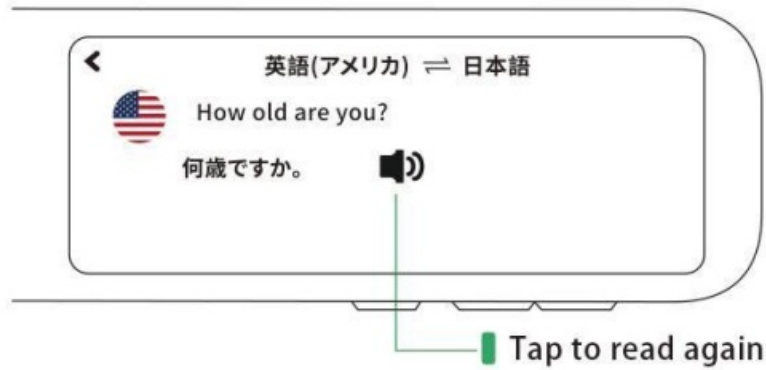
3. Press and hold the volume button (-) and talk to the device in “English”.

- Release the button after speaking.



Talk while holding down the volume button (-) 

4. When you release the button, the spoken content will be translated into “japanese” and read aloud. Click on the translated part to read it again.



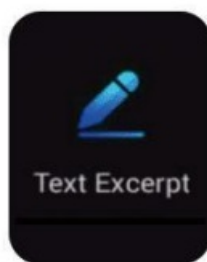
※ To translate Japanese into English, click the “volume button (+)” and talk to the device in “Japanese “,and the translation language Will be automatically translated into “English”.

### <Notes when using phonetic translation>

- To ensure accurate translation,please press and hold the translation key for 1 second,take a breath, and then start speaking
- Check the screen to see if the conversation is correctly recognized.
- If the word is recognized as incorrect, it will be translated incorrectly.
- When using phonetic translation, speak close to the microphone.
- Speak clearly at a normal speed.  
If you stop the conversation many times in the middle, the accuracy of the translation will decrease.
- Avoid habits word abbreviations,dialects, etc.

### Text Excerpt

- Characters can be extracted from documents by scanning with this machine.



1. Click “+” on the right side of the screen to scan the document.




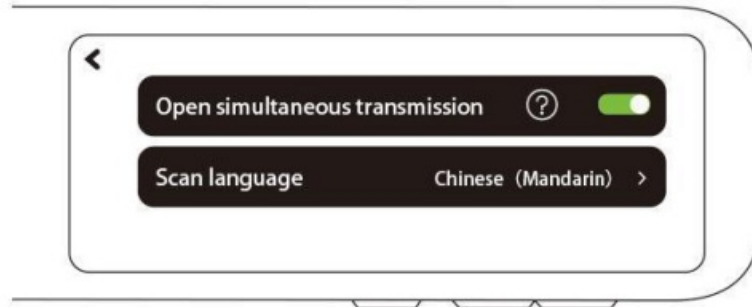
2. When the scan is completed, the text will be displayed on the screen. Tap “on the upper right to save to this


unit.

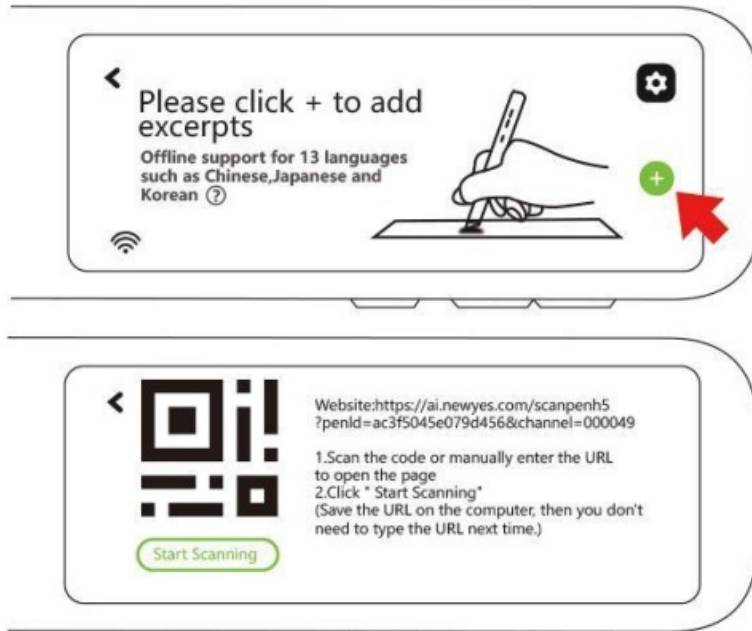
※The saved file can be found in “excerpt” by connecting the data cable to the computer device.



3. Click”  Open simultaneous transmission.



4. Click”  ” on the right, then scan the QR code or enter URL.

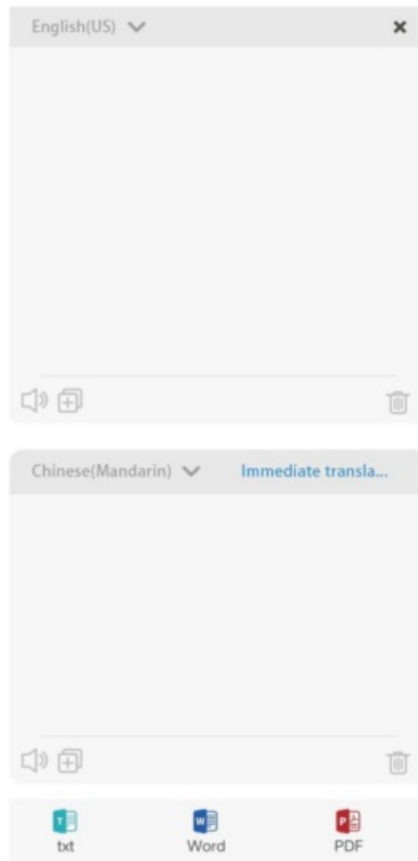


5. There are 55 languages for scanning on line, and 13 languages off line( Traditional Chinese, Simplified Chinese, English, Japanese, Korean, French, German, Spanish, Italian, Portuguese, Dutch, Russian, Malay)

6. You can choose to translate the scanned sentences.

Choose the language you want to translate.

There are 112 languages for translation.



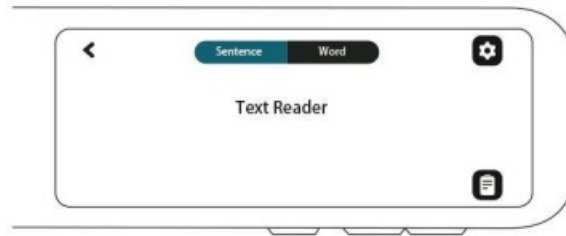
## Dyslexia Aid

- How to use it?
- Click Text Reader

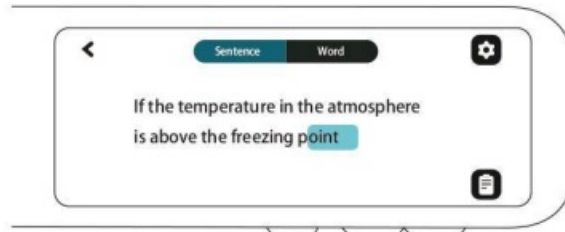


- Default setting is to read the whole sentence. (Sentence)

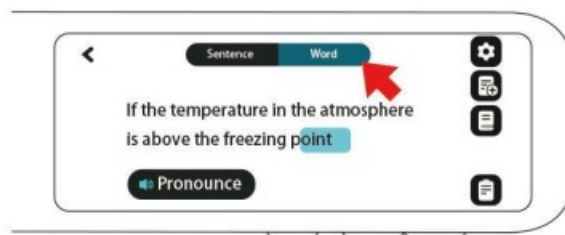




- Scan the text and it will read the word one by one. You can tap any word to restart the reading from that word.



- You can click “Word” on the top to read the targeted word and check it in the dictionary.



- You can click “Word” on the top to read the targeted word and check it in the dictionary.
- Icons on the right

Setting:

On the setting, you can choose British or America pronounce; replace or append sentences; reading speed; word and punctuation pause time.

Dictionary:

Check the translation of the word you click on in the Collins English Dictionary.

Save:

Save the text you scanned.

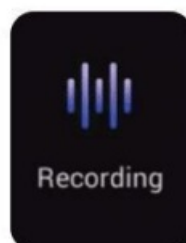
Record:

Click to check the saved files, and you can edit them.

## Recording

- Record voice messages on this unit.

1. Please click the “Recording” icon on the right side of the screen to start recording.



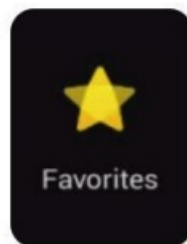


2. Recording ⇒ [red circle] pause ⇒ [play/pause icon] Recorded successfully ⇒ [stop icon]



## Favorites

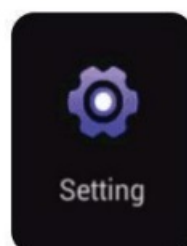
- [Note] Only "Text Translation" and "Dictionary" can be added as favorites.

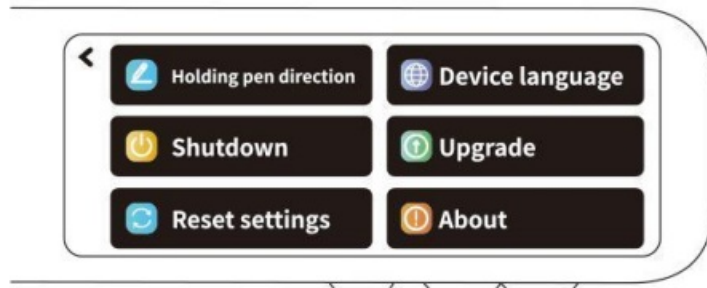
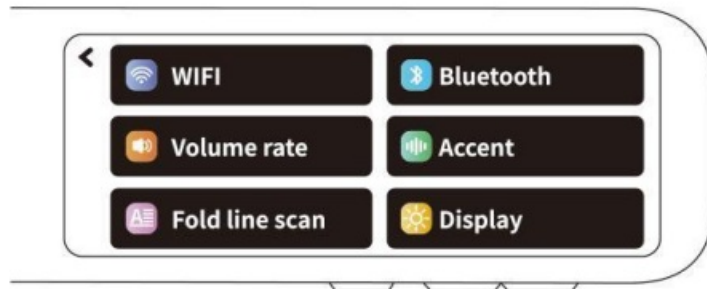




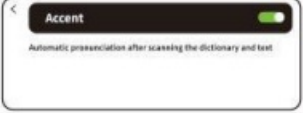
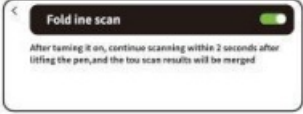





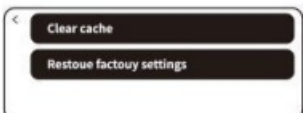

1. On the main screen, click "Favorites"
2. Display the translation results added as favorites in "Text Translation"/"Dictionary"
3. Tap to read aloud. tap [green star icon] cancel the favorites you added.

## Setting

- Click Settings to make various settings for this Scan Reader Pen.





Options	Display	Explanation
WIFI		You can choose to turn on the Wi-Fi ON/OFF button and choose the Wi-Fi SSID that can surf the Internet, enter the password.
Volume Rate		You can adjust the speaker volume and speed of this unit by sliding left and right. ※ The volume can also be adjusted through the “volume key” at the bottom of the unit.
Accent		Set whether to automatically play the translated voice.
Fold Line Scan		Turn on/off scanning of multiple lines.
Display		Change the screen brightness and set the sleep time. Brightness bar: dark on the left and bright on the right. The darker the screen, the longer the battery life. Sleep: The set time, that is, the time for the screen to disappear automatically when there is no operation. (Can be set to 1 minute/3 minutes/5 minutes)
Holding Pen Direction		When operating this unit, you can choose whether it is suitable for left-handed or right-handed use.
Device Language		Select the display language of this unit. You can set Chinese, English, Japanese, Korean, Spanish, French, German, Italian.
Shutdown		Set the automatic shutdown time. (It can be set as invalid /15 minutes/30 minutes/ 60 minutes)
Update		If there is a system update (adding new features, etc.), you can update the software.
Reset Settings		Clear all data on the machine and initialize it. ※ Translation history and Wi-Fi connection settings will also be deleted.
About		Display information about this machine. ※ Cannot be set.

## Product Specifications

Product name	SMART PEN
Model	
CPU	MTK6580. Ouad core. 13GHz TFBGA520/P0.4/B0.25/102X11
Operating System	Android 4.4
WIFI	2.4GHz: 802.11 b/g/n
Native Memory (ROM)	4GB
Run Memory (RAM)	1GB
Playback	MEMS microphone
Microphone	1Wx1
Scan Port	640* 480 120 frames
Battery Type	3.8V/1050nnAh rechargeable polymer battery
Charger	USB Type-C
Charging Voltage/Current	5V/0.5A~1.0A
Charging Time	When using anormal charger (whencharging about 1.0A) : about 2-3 hours *Cannot use fast charger
Supported Languages	A+B translation (support 112 languages)
System Languages	Japanese, English,Chinese (simplifiedand traditional), Italian, Frenc h, German, Korean,Spanish
Operating Temperature Range	-10° C~+50° C

Storage Temperature Range	-20° C~+60° C
Continuous Running Time	About 3 hours
Continuous Standby Time	About 80 hours
Product Size	139*32*16mm/ 5.661 .29*O.55inch
Weight	80g/0.171b
Material	Plastic+Metal

## Troubleshooting

- If a problem occurs while using this machine, please check the following items before sending it for repair.  
If you have tried the following items but the problem persists, please contact your dealer or customer support center.

Under these circumstances	Reasons	Measure
Can not boot	<ul style="list-style-type: none"> <li>•Is the power of the host turned on?</li> <li>•Isn't the battery dead?</li> </ul>	<ul style="list-style-type: none"> <li>•Turn on the power of the main unit.</li> <li>•Turn on the power after charging for at least 15 minutes.</li> </ul>
No sound	<ul style="list-style-type: none"> <li>•Is the sound set to "0"?</li> </ul>	<ul style="list-style-type: none"> <li>•Please turn up the volume.</li> </ul>
Translation is weird	<ul style="list-style-type: none"> <li>•Is the choice of translation language correct?</li> </ul>	<ul style="list-style-type: none"> <li>•Choose the correct language you want to translate.</li> <li>•All translation is not perfect. Due to differences in dialects, intonation, and context, it may be misinterpreted. Thank you for your understanding.</li> </ul>
The touch panel does not respond	<ul style="list-style-type: none"> <li>•Is the choice of translation language correct?</li> </ul>	<ul style="list-style-type: none"> <li>•Tear off the protective film. (A protective film is attached at the factory to protect the screen.)</li> <li>•Restart the host.</li> </ul>
Can't connect to Wi-Fi	<ul style="list-style-type: none"> <li>•Can the selected Wi-Fi be used on the Internet?</li> <li>•Is the password correct?</li> <li>•Is the Wi-Fi that needs to be registered on the website?</li> </ul>	<ul style="list-style-type: none"> <li>•Select a Wi-Fi SSID that can use the Internet and enter the password.</li> <li>•Check the password and re-enter it.</li> <li>•Not available. Please connect to Wi-Fi via the Internet.</li> </ul>

Scan is inaccurate	<ul style="list-style-type: none"> <li>•Is the pen holding posture correct?</li> </ul>	<ul style="list-style-type: none"> <li>•Place the machine at the beginning of the word to be searched on the right side of the "scan Port".</li> <li>•Please scan straight so that the center of the scanning head passes through the center of the letter..</li> </ul>
I can't use phonetic translation well	/	<ul style="list-style-type: none"> <li>•Press and hold the voice translation key, and speak after hearing the recognition tone.</li> <li>•Please approach the microphone of the main unit and speak.</li> <li>•Speak in standard language. The dialect is difficult to recognize.</li> <li>•Continue to speak naturally. Abbreviations and jargon can be difficult/difficult to identify.</li> </ul>
Slow translation	/	<ul style="list-style-type: none"> <li>•Restart the Wi-Fi function (router, home network, etc.).</li> <li>•Check the signal strength of the connected Wi-Fi.</li> <li>•If the Wi-Fi signal is weak, move to another location and reconnect where the signal is strong.</li> <li>•Connect to Wi-Fi that can use other Internet.</li> <li>•Please restart the host.</li> </ul>

## Warranty Policy

- The free warranty period of this product is one year.
- During the warranty period, if there is a failure in normal use according to the instruction manual (determined by our after-sales service or our authorized service provider), our company will repair it free of charge.
- During the warranty period, the following conditions are not covered by the free warranty.
- The warranty certificate and valid purchase certificate are lost.
- Incorrect use or self-disassembly of the machine may cause damage to the hardware of the machine.
- Place it in direct sunlight or near a fire or stove for a long time.
- The machine breaks down due to water ingress.
- Loss caused by incompatible power supply used by the adapter or power supply above 5V/1A.
- We are not liable for any special, accidental or indirect loss or damage caused by negligence in contracts or civil disputes.
- This warranty applies to all regions of the country.

Warranty Card		
Product Name:AS1503		
Customer	Name	
	Address	TEL
Customer	Store name	TEL
	Address	
	Brand	
Warranty	One-year	
Purchase day	Year	Month Day

## Documents / Resources

<a href="#">NEWYES AS1503 Scan Reader Pen [pdf] User Manual</a> A6S, 2BL5F-A6S, 2BL5FA6S, AS1503 Scan Reader Pen, AS1503, Scan Reader Pen, Reader Pen, Pen
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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