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 connection to other 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 connection.
- Use genuine accessory equipment used in this machine. We are not responsible for any 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 avoid dust and direct sunlight. Also, if water or other substances accidentally enter or adhere to the machine, 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 if it is determined that it has been in touch from liquor to operate it to avoid danger, be careful, and instruct them not to use it incorrectly.

About Cleaning

- If it is dirty, wipe it lightly 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 non-removable 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 life may be shortened, the battery may swell, or the performance may be deteriorated. 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.

Package Contents

The following parts are included in the following items. Please confirm before use.

Scan Reader Pen	x 1
Micro SD Card (Initialization)	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 optical character recognition, character recognition, text scanning and translation, and phonetic translation. When you connect to the network via Wi-Fi or tethering, simply scan the text you want to translate and 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.

- 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 size time after 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 and 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 cable and the shape of the charging port. If you cannot connect successfully, please check 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 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).

About Charging

- When connecting,please check the shape of the charging device connectorand then proceed to the correct direction.If you cannot connect successfully please do not force the connection.
- Standby time: about 60hours
- Use time: about 3hours
  ※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 Scanning translation, phonetic translation dictionary, Text Excerpt, Favorite, Wi-Fi, Settings, Recording function
※ Support China, English, Japanese, Korean, Vietnam, Spanish, French, Italian, Portuguese, Russian, Vietnamese, Indonesian, Malay, Filipino and more Filipino languages, Arabic,Egyptian,Dutch, Russian, Swedish, Afrikaan, Indonesian, Malay, Filipino and more Filipino.

Charging Method

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

Text Excerpt

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

① Power button (Turn on/off the power, turn off/on the screen)

② Phonetic translation (Voice key)

③ USB-C touch screen (The protective film is attached to the machine when it leaves the factory. Tear it off before use.)

④ Microphone (left) ⑤ Microphone (right)

⑥ Loudspeaker ⑦ Scanning pen

⑧ Charging port (used when charging)

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 first, 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.Select the "Settings" menu on the home, and then click the Wi-Fi settings menu.
- Select a Wi-Fi SSID that can access the Internet and enter the password.

Long press here(More than 3 seconds)

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 lightly.
- 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.

- Scan the text you want to find.

Translation

- The text scanned by this machine can be translated! Support Chinese, English, Japanese, Korean, German, Spanish, French, Italian, Portuguese, Russian, Vietnamese, Indonesian, Malay, Filipino and more Filipino languages, Arabic,Egyptian,Dutch, Russian, Swedish, South African, Indonesian, Malaysia, Filipino.

① Translation is an example of translating English to Japanese.

② Click "Text translation" on the LCD screen.

③ Click on this icon

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

Collins English Dictionary

- How to use it?
- Click Dictionary.

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

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

Voice 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.

② Press and hold the volume button (↓) and talk to the device in "English".

- Release the button after speaking.

Hold down the voice button to speak

③ 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.

④ Tap to read again

⑤ Translate Japanese into English, tap the "Voice" button, speak to the device in "Japanese," and the translated 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,use a brush, and then clear the scanning.
- Check the screen to see if the connection is correctly recognized.
- If the wood is recognized as incorrect, it will be translated incorrectly.
- Please avoid scanning in a place where sunlight is strong.
- 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, "Save" on the upper right to save this unit.

- The saved file can be found in "excerpt" by connecting the data cable to the computer and opening it.

③ "Open simultaneous transmission

④ Click" on the right, then scan the QR code on screen (PC).

⑤ When the scan is completed, the text will be displayed on the screen, "Save" on the upper right to save this unit.

⑥ Open the "Text Excerpt" on the PC, then open the QR code on screen (PC).

Favorites

- (Note) Only "Text Translation" and "Dictionary" can be saved in Favorites.
① On the main screen, click "Favorites".

② Tap to read aloud. Tap Favorites you added.

③ Click on this icon

- Please click the ☆ marks to the right side of the screen to start recording.

- Recording → pause → ■
- Recorded content can be saved.

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

- Tap right button
  Click the Delete button to delete the words or entire recording,or want to delete, either individually or all.

Recording

- Record voice messages on this unit.
- Please click the mic ☆ in the right side of the screen to start recording.

- Recording → pause → ■
- Recorded content can be saved.

- There are 33 languages for translation, and 12 languages of Text Traditional Chinese, Simplified Chinese, English, Japanese, Korean, German, Spanish, Italian,Portuguese, Dutch, Russian, Malay)

- You can choose to translate the scanned sentences, and the target language you want to translate. There are 112 languages for translation.

- The default setting is word (word)

- Scan the text and it will read the word one by one. You can also scan a word to read the reading from that word.

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

Setting

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

Product Specifications

Options	Display	Explanation
Model		SMART PEN
Dimensions		200mm×25.2×14.2
Operating System		Android 4.4
CPU		2.4GHz 802.11b/g/n
WIFI		2.4GHz 802.11b/g/n
Screen Resolution		RGB
Ram Memory (RAM)		1GB
Rom Memory (ROM)		16GB
Playback		MEMS microphone
Microphone		1W x1
Speaker		1.5W/8Ω Forteen
Battery Type		3.7V/1400mAh rechargeable battery
Charger		USB Type-C
Charging Voltage/ Current		5V/0.5A-1.0A
Charging Time		When using anormal charger (recommended charger 5V/1A) : about 2 3 hours 1Cannot use fast charger
Supported Languages		8-8 translation (support 112 language)
System Languages		Simplified Chinese,Traditional Chinese English,Japanese,Korean German,Spanish,Italian Portuguese,Portuguese,Russian
Operating Temperature Range		-10° C~+35° C
Storage Temperature Range		-20° C~+60° C
Continuous Running Time		About 3 hours
Continuous Standby Time		About 80 hours
Product Size		152.5*25.2*14.2(mm)/6.10 *0.89*0.55(inch)
Weight		80g/0.17lb
Material		Plastic+Metal

Troubleshooting

Screen does not turn on	Can not turn on	Reasons	Measure
		Battery is low	Please charge the battery
		Battery is not charged	Please charge the battery
		Be caught	Be restarted by an NTC
		Battery is abnormal	Please contact the manufacturer
		Battery is swollen	Please contact the manufacturer
Can not turn on	Be caught	Be restarted by an NTC	Please turn on the screen
		Battery is abnormal	Please contact the manufacturer
		Battery is swollen	Please contact the manufacturer
Can't connect to Wi-Fi	Can not be accessed Wi-Fi or the password cannot be entered	Wi-Fi signal is weak	Please move to a place where the Wi-Fi signal is strong
		Wi-Fi is not in the range of the router

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.