

## Schools Intelligent Scanning and Question Taking

# Generic Translation Device Scan Reading Pen User Manual

Model: Schools Intelligent Scanning and Question Taking

## 1. INTRODUCTION

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This manual provides instructions for the Generic Translation Device Scan Reading Pen, model Schools Intelligent Scanning and Question Taking. This device is designed to facilitate language translation and learning across 112 languages, featuring a 4-inch high-definition touchscreen and various scanning and translation functionalities. It is suitable for international travel, academic study, and business applications.





Figure 1: Front view of the Translation Device Scan Reading Pen with its main menu interface.

## 2. PACKAGE CONTENTS

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Verify that all items listed below are present in your package:

- 1 x Translator Pen (Small Memory Card Not Included)
- 1 x Data Cable
- 1 x User Manual

## 3. DEVICE OVERVIEW

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The Translation Device Scan Reading Pen features an ergonomic design for comfortable handling and a clear display for easy interaction.



Figure 2: Front and back view of the device, showing its overall form factor.

### 3.1 Key Features

- **4-inch High-Definition Touchscreen:** Provides a clear and responsive interface for navigation and display of translated text.
- **Integrated Camera:** For photo translation functionality.
- **Speaker:** For audio output of translations and other device sounds.
- **Scan Head:** Located at the bottom for scanning text.
- **Physical Buttons:** For power, volume, and navigation (specific button functions may vary by model and software version).



Figure 3: Detailed views of the device's screen, camera, speaker, and construction materials.

## 4. SETUP

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### 4.1 Charging the Device

Before initial use, fully charge the device. Connect the provided data cable to the charging port on the device and plug the other end into a compatible USB power adapter (not included) or a computer's USB port. The charging indicator will show the charging status.

### 4.2 Powering On/Off

- **To Power On:** Press and hold the Power button (usually located on the side) until the screen illuminates.
- **To Power Off:** Press and hold the Power button until a power-off menu appears on the screen. Select "Power Off" or "Shut Down".

### 4.3 Network Connection

The device supports multiple network connection methods for online translation and updates:

- **Online (Wi-Fi):** Navigate to Settings, then Wi-Fi, and select your desired network. Enter the password if prompted.
- **Hotspot:** Connect to a mobile hotspot provided by your smartphone or another device.
- **Offline:** The device supports offline scanning translation for certain languages. Ensure necessary language packs are downloaded in advance via a Wi-Fi connection.

## 5. OPERATING INSTRUCTIONS

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The device offers various translation and learning functionalities accessible via the touchscreen interface.

### 5.1 Scan Translation

This feature allows you to scan printed text and receive instant translations. Select "Scan Translation" from the main menu. Position the scan head over the text you wish to translate and smoothly glide it across the line. The translated text will appear on the screen.

## Translation into 112 Languages

Built in network translation engine, capable of translating into 112 languages worldwide. Having multiple servers in China, Southeast Asia, the Americas, Europe, and other regions, translation is smoother and more stable



Figure 4: The device supports translation into 112 languages using a built-in network translation engine.

## 5.2 Phonetic Translation

For spoken language translation, select "Phonetic Translation". Speak clearly into the device's microphone. The device will process your speech and provide a translation, often with audio output.

## 5.3 Photo Translation

Utilize the built-in 5MP high-definition camera for translating text from images. Select "Photo Translation" from the menu. Point the camera at the text (e.g., signs, menus, documents). The device uses professional OCR technology to recognize text in 45 languages and provides an instant translation. It supports automatic autofocus for both horizontal and vertical text capture.



Figure 5: Demonstrating the Photo Translation feature in use.

## 5.4 Text Excerpt

This function allows you to scan and save text excerpts for later review or study. Select "Text Excerpt" and scan the

desired text. The device will store the recognized text.

## 5.5 Recording

The device can record audio. Select "Record" to start and stop recordings. Recorded files can be managed within the device's storage.

## 5.6 AI Learning Features

The device incorporates AI learning capabilities, including intelligent analysis of exercise data and AI identification of weak knowledge points. It also supports comprehensive answer and analysis for all subjects, premium courses, physics and chemistry premium knowledge point video explanations, and special literacy courses.

The device features a large vocabulary library, supporting learning in Chinese, English, Japanese, Korean, Cantonese, and Traditional Chinese.



Figure 6: Key features enhancing learning and recognition capabilities.

## 5.7 Additional Features

- **MP3 Playback:** The device supports MP3 audio playback.
- **TV Screen Projection:** Connect the device to a compatible TV or display for screen mirroring.
- **Error Printing:** This feature allows for printing of identified errors, likely related to learning functions.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your translation device.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the screen and exterior. Do not use liquid cleaners or aerosols directly on the device.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Impact:** Protect the device from drops and impacts, especially the screen and scan head.
- **Software Updates:** Periodically check for and install software updates to ensure optimal performance and access to new features.

## 7. TROUBLESHOOTING

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If you encounter issues with your device, refer to the following common solutions:

- **Device Not Turning On:**
  - Ensure the device is fully charged. Connect it to a power source and wait a few minutes before attempting to power on again.
  - Press and hold the Power button for at least 10-15 seconds to perform a forced restart.
- **Translation Inaccurate or Not Working:**
  - Check your network connection (Wi-Fi or hotspot) if using online translation.
  - For offline translation, ensure the required language packs are downloaded.
  - Ensure the text is clear and well-lit for scanning or photo translation.
  - Speak clearly and at a moderate pace for phonetic translation.
- **Screen Unresponsive:**
  - Restart the device.
  - Ensure the screen is clean and free of debris.
- **Battery Drains Quickly:**
  - Reduce screen brightness.
  - Close unused applications running in the background.
  - Disable Wi-Fi or hotspot when not needed.

## 8. SPECIFICATIONS

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Feature	Detail
Model	Schools Intelligent Scanning and Question Taking
Material	Plastic, Glass

<b>Operating System</b>	for V-OS 8.1
<b>Screen Size</b>	4 Inch
<b>Resolution</b>	340x800
<b>ROM</b>	1GB+8GB
<b>Network Method</b>	Online (Wi-Fi), Hotspot, Offline
<b>Battery Type</b>	Lithium Battery (Built-in)
<b>Battery Capacity</b>	1500mAh (Single Battery Capacity)
<b>Standby Time</b>	7 Days
<b>Working Time</b>	4-6 Hours

## 9. WARRANTY INFORMATION

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This product comes with a 3-month warranty from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.

## 10. SUPPORT

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For further assistance, technical support, or warranty claims, please contact the seller or manufacturer through the platform where the product was purchased. Please have your purchase details and product model information ready when contacting support.

