

AngelEye SR-D1 Desktop Reader



AngelEye SR-D1 Desktop Reader User Guide

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AngelEye SR-D1 Desktop Reader



Specifications

- **Brand:** AngelEye Desktop Reader
- **Technology:** Computer vision and artificial intelligence (AI)
- **Function:** Converts text materials into voice through OCR recognition
- **Recognition Range:** Up to A3 paper size

Product Overview

The AngelEye Desktop Reader utilizes advanced computer vision and AI technology to convert text materials like newspapers, magazines, books, packages, and business cards into voice using OCR recognition. This feature assists individuals with visual fatigue, weak vision, or visual impairment in reading without difficulties.

Key Description

The product features various keys including Camera, Fill-in LED light, Headset light, Charging indicator, Status light, Power key, USB ports, Headset jack, Play/Pause key, Menu keys, Volume control, and Speaker, among others.

Powering On or Off

1. To power on the device, press and hold the power key for 2 seconds until you hear a beep and see the status

indicator turn on.

2. To power off the device, hold the power key for 2 seconds until you hear the power-off music.

Text Recognition (OCR)

1. **Mode Switchover:** After powering on, the reader defaults to Manual mode. Use Left or Right keys to switch between Manual, Auto, and Finger modes.
2. **Manual Mode:** Place the material in front of the camera for recognition.

Reading Text

1. Press the Play/Pause key to stop or continue reading the text.
2. Hold the Menu key to save the current text.
3. Use the Left key to fast backward and the Right key to fast forward while reading.
4. Press the Back key to return to text recognition mode.

Settings

1. **Access Settings:** Press the Menu key in any mode to enter the Settings menu.
2. **Document Management:** Navigate through document management using the Menu, Left/Right keys, and Camera key to select and read documents.

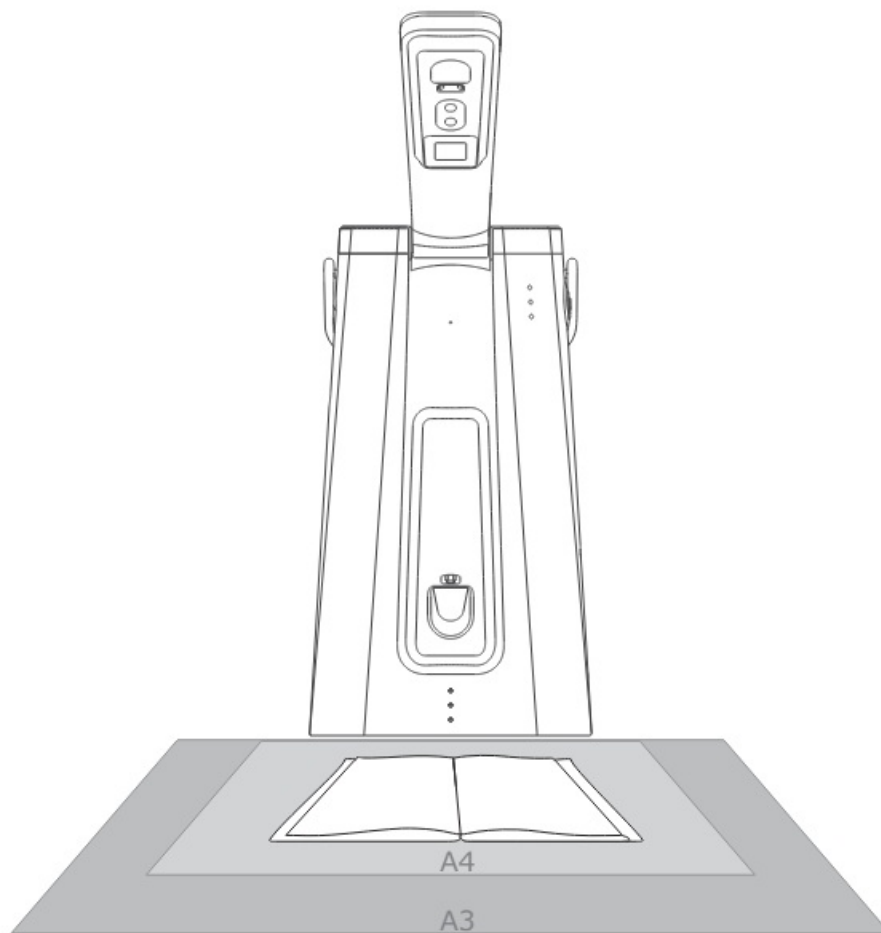
FAQ

Q: How can I ensure accurate text recognition?

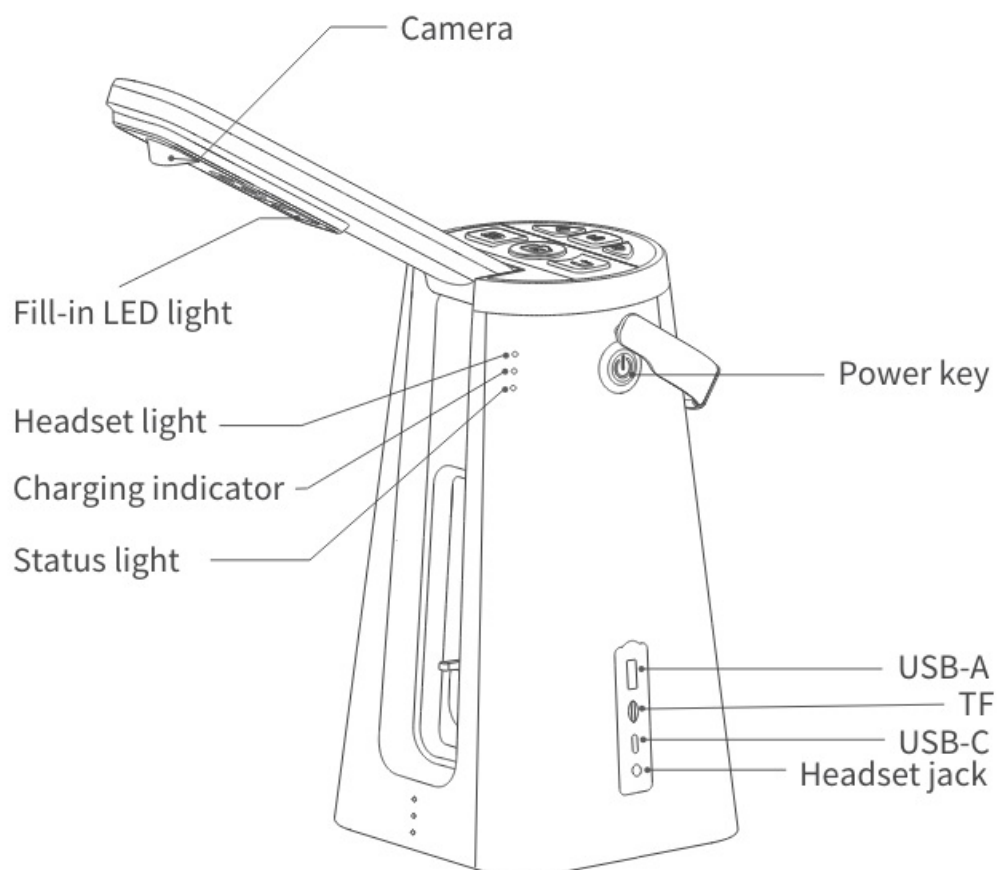
A: Ensure good contrast between text and background, avoid reflections, use under normal indoor lighting conditions, and keep the device and material still when capturing images.

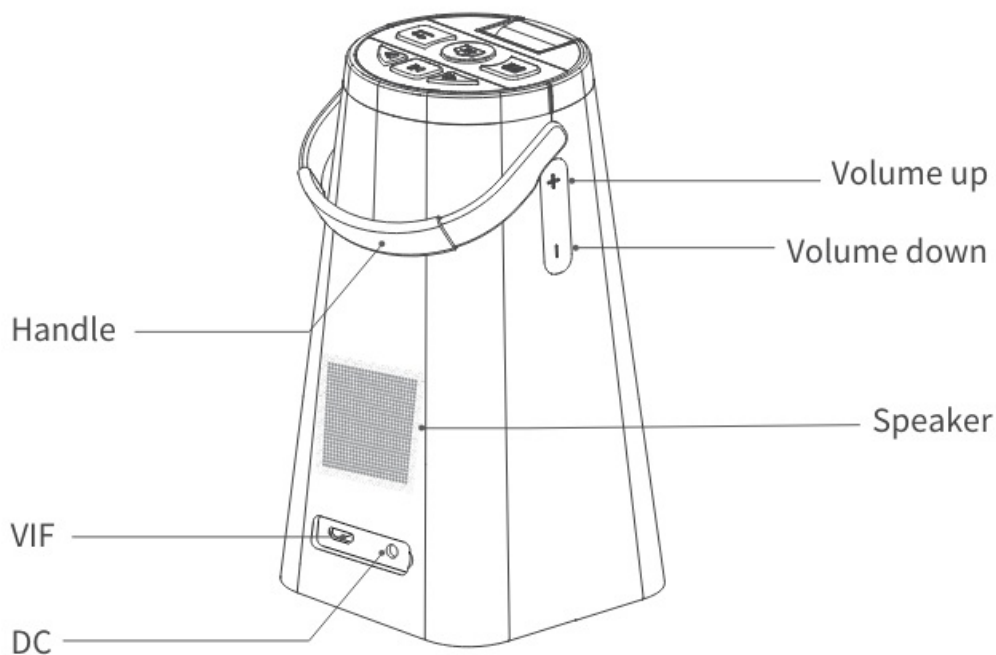
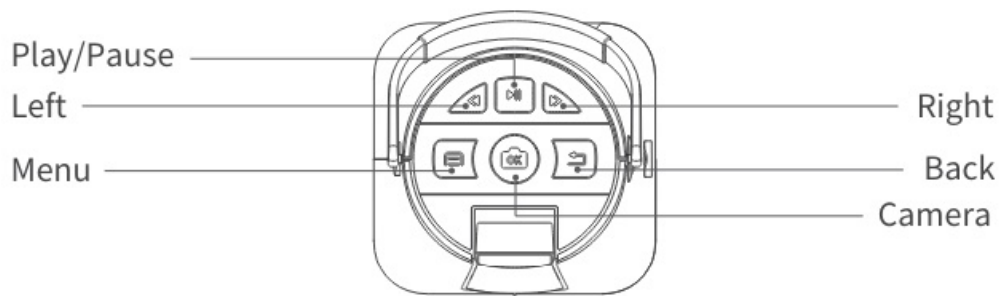
Product Overview

Based on advanced computer vision and artificial intelligence (AI) technology, the AngelEye Desktop Reader converts text materials (such as newspapers, magazines, books, packages, and business cards) into voice through OCR recognition, which can assist people with visual fatigue, weak vision, or visual impairment in reading without difficulties.



Key Description





Use Instructions

Powering On or Off

1. **Powering on the device:** Press and hold the power key for 2s. When you hear the sound of “beep”, it indicates that the device is successfully powered on and the status indicator turns on.
2. **Powering off the device:** Press and hold the power key for 2s. When you hear the power-off music, it indicates that the device is successfully powered off.

Text Recognition (OCR)

Text recognition can be divided into three modes: Manual, Auto, and Finger.

1. Mode Switchover

- a. After being powered on, the reader enters Manual mode by default.
- b. You can press the Left or Right key to switch among the three modes.

2. Manual Mode

- a. Place the book or material to be recognized directly in front of the reader and align it with the dots at

the lower part of the reader. Keep the material still.

- **b.** Press the Camera key. When you hear a countdown photo-taking sound, it indicates that the photo was taken successfully. Then, the reader starts to read the text automatically.

3. Auto Mode

- **a.** In Auto mode, place a book or material to be recognized directly in front of the reader and align it with the dots at the lower part of the reader. Keep the material still.
- **b.** When you hear a countdown photo-taking sound, it indicates that the photo was taken successfully. Then, the reader starts to read the text automatically.

4. Finger Mode

- **a.** Press the Left or Right key to switch to Finger mode.
- **b.** Place the book or material to be recognized directly in front of the reader and align it with the dots at the lower part of the reader. Keep the material still.
- **c.** Place your index finger under the text to be recognized. When you hear the sound of “beep, beep” and “click”, it indicates that the photo has been taken successfully. Then, the reader starts to read the word above the finger.

5. Precautions

- **a.** Ensure that the text is recognized and the background has a certain contrast. It is recommended that black characters and a white background be used.
- **b.** The material to be recognized must not reflect light.
- **c.** It is recommended that the reader be used under normal indoor lighting conditions.
- **d.** When taking pictures, keep the reader and the book still.
- **e.** When taking pictures, ensure that the center of the camera is aligned with the center of the material to be recognized.

Reading Text

1. In the process of reading the text, you can press the Play/Pause key to stop or continue reading the text.
2. In the process of reading text, press and hold the Menu key to save the current text.
3. In the process of reading text, press the Left to fast backward or the Right key to fast forward.
4. In the process of reading text, press the Back key to return to the text recognition mode.
5. After finishing reading the text, the reader plays the end sound and automatically returns to the text recognition mode.

Settings

1. In any mode, you can press the Menu key to enter the Settings menu.

- **a.** In the Settings menu, you can press the Left or Right key to browse different configuration items.
- **b.** In the Settings menu, you can press the Camera key to go to the next level. After the settings are changed, press the Camera key to save the current settings.
- **c.** At the first level of the Settings menu, press the Back key to exit the Settings menu. At the second level of the Settings menu, press the Back key to return to the upper level.

2. Perform document management.

- **a.** Press the Menu key to enter the main menu.
- **b.** Press the Left or Right key switch to document management.

- **c.** Press the Camera key to enter the submenu of document management.
- **d.** Press the Left or Right key to select a document to read, and press the Camera key to start reading the document.
- **e.** Delete the document.
- On the document list page, press the Left or Right key to select a document to delete, and press and hold the Menu key to delete it.

3. Set the reading speed.

- **a.** Press the Menu key to enter the main menu.
- **b.** Press the Left or Right key switch to the speed settings.
- **c.** Press the Camera key to enter the submenu of the speed settings.
- **d.** Press the Right key to speed up reading and the Left key to slow down reading, and press the Camera key to save the settings.
- **e.** Press the Back key to cancel the settings.

4. Set a reading voice (male/female).

- **a.** Press the Menu key to enter the main menu.
- **b.** Press the Left or Right key to switch to the voice settings.
- **c.** Press the Camera key to enter the submenu of the voice settings.
- **d.** Press the Left or Right key to select a reading voice (male or female), and press the Camera key to save the settings.
- **e.** Press the Back key to cancel the settings.

5. Network connection

- **a.** Enter the Network setting
- **b.** Use the mobile phone to scan the QR code on the manual, download and install the app, enter the WiFi account and password in the app, and generate a QR code.
- **c.** Put the QR code under the camera, press the capture button, wait for QR recognition, and automatically connect to WiFi.
- **d.** After the WiFi connection is successful, you will be prompted that the connection is successful and return to the main menu.
- **e.** If the connection fails, you will be prompted that fail to connect to the network press the camera button to reconnect and press the back button to return to the previous menu.

6. Connect to the Bluetooth headset

- **a.** Press the Menu key to enter the main menu.
- **b.** Press the Left or Right key to switch to the headset settings.
- **c.** Press the Camera key to enter the submenu of the headset settings.
- **d.** Press the Left or Right key to switch between the detected Bluetooth headsets, and press the Camera key to start pairing with the headset.
- **e.** When you hear the prompt "Bluetooth headset connected", it indicates that the connection is successful.

7. Disconnect the Bluetooth headset

- **a.** Press the Menu key to enter the main menu.
- **b.** Press the left or right button to switch to the headset settings and see that the Bluetooth headset is connected
- **c.** Press the Bluetooth disconnected

8. Factory reset

- **a.** Press the Menu key to enter the main menu.
- **b.** Press the Left or Right key switch to About, and press the Camera key to enter the About menu.
- **c.** Press the Left or Right key switch to Factory Reset.
- **d.** Press the Camera key. A message pops up, prompting you to confirm whether to restore factory settings. You can press the Back key to cancel the restoration of factory settings.
- You can also press the Camera key to confirm the restoration of factory settings, and the reader will automatically restore factory settings.

9. Upgrade

- **a.** Connect to wifi first.
- **b.** Enter main menu – about – upgrade
- **c.** If there is a new soft version, the voice prompts whether to upgrade. Press the capture key to start the upgrade. If the upgrade is successful, voice prompts upgrade successfully.
- **d.** If there is no updated version, voice prompts that the current version is the latest.

Adjusting System Volume

- Pressing the Volume up/down key in any mode can adjust the system volume.

Sleep

1. The reader enters Sleep mode if no operations are performed within 5 minutes.
2. Press the Power key to manually enable Sleep mode.
3. Pressing the Power key in Sleep mode can wake up the reader. After being woken up, the reader returns to the working state before sleeping.

Battery Level Reminder

1. When the charger is plugged in or disconnected, the reader will broadcast the current battery level.
2. When the battery level is lower than 10%, the reader will automatically broadcast a low battery reminder.

LED Light Effects

1. **Running:** The blue LED light is steady on.
2. **Sleep:** The blue LED light blinks.
3. **Power-on:** The blue LED light turns on.
4. **Power-off:** The LED light turns off.
5. **Bluetooth** connection established: The white LED light turns on.
6. **Charging:** The red LED light turns on during charging. The green LED light turns on when the reader is fully charged.

Specifications

Product Model	SR-D1	Power	DC 5 V/2 A
Dimensions	280mm*155mm*150mm	Material	ABS
	395mm*155mm*150mm	Battery Capacity	6700mAh
Fill-in LED	Available	Working Hours	> 6 hours
Operating Temperature	0°C to 40°C	RAM + ROM	2 GB + 16 GB
Camera Resolution	13MP		
Input and Output	3.5 mm headset jack x 1, video interface x 1		
Extension Interfaces	USB-A x 1, USB-C x 1, SD card slot x 1		

Precautions

To ensure that you use this product safely and correctly, read this user guide carefully and observe the following safety rules before using this product:

1. This product must be handled gently and prevented from any serious impact or vibration.
2. It is recommended that this product is not placed in a seriously polluted environment.
3. When using this product, avoid contact with chemicals such as benzene and diluents. Keep this product away from strong magnetic or electric field, avoid direct sunlight, and stay away from fire sources.
4. Do not place this product in environments with high temperatures and high humidity. Do not flush or wash this product. Otherwise, this product may be damaged or cause electric shock during use.
5. Do not disassemble, repair, revamp, or replace any parts of this product by yourself.
6. Discarded packages, batteries, and electronic components must be properly classified and disposed of.
7. Use only the charger that comes with this product. Using an unauthorized charger may invalidate your warranty and may even cause serious injury.
8. Place this product out of reach of children.

Disclaimer

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Documents / Resources

	AngelEye SR-D1 Desktop Reader [pdf] User Guide SR-D1 Desktop Reader, SR-D1, Desktop Reader, Reader
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References

- [User Manual](#)