



QPIX DIGITAL CBS1400 Multi-Function Combo Scanner User's manual

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QPIX DIGITAL CBS1400 Multi-Function Combo Scanner



Safety precautions

- **Important:** Do not expose this product to rain or moisture to preserve the life of your product.
- **Caution:** Do not disassemble this unit. To prevent any electric shock, do not remove the cover.
- **Ventilation:** The device should be placed such that its location or position does not interfere with its proper ventilation. For example, the unit should not be placed on a bed, sofa, rug, or any other similar surfaces that may block the ventilation openings.
- **Heat:** The device should be situated away from sources of high heat such as radiators or stoves.
- **Cleaning:** We strongly suggest using a clean, dry, nonalcoholic cotton swab to periodically clean the glass surface to produce a clear image.
- **Nonuse period:** The USB cord for the device should be unplugged from the computer when the unit is unused for a long period of time.
- **USB overloading:** Do not overload the USB connections on your computer. If you have too many devices connected to your computer such as a wireless mouse, media player, mobile phone, or other USB-powered devices, there may not be enough power for the film scanner to operate properly.
- **Servicing:** The user should not attempt to service the device unless described in the operating manual. All other servicing should be referred to a qualified person.
- **Film Holder:** The design of the film holder follows ISO standards. In some cases, the holes on the film will not match the alignment of the holder. This is caused by using a non-standardized film. In such cases, the captured image may have a small black line on the edge of the frame that can be removed using photo editing software.

Package contents

- Film & photo scanner
- 135 Negative Film Holder
- 135 Positive Slide Holder
- 110 Film Holder
- Photo Holder (5"x7" (5R), 4"x6" (4R), 3 1/2"x5" (3R)) and Namecard Holder
- AC/DC adapter
- USB cable
- Cleaning cloth
- Cleaning brush
- OCR CD
- User Manual

Please remove the adapter from the mains when not in use.

Description of parts



Loading Slides



- Hold up the slide toward the light. Face the trademark side of the slide away from you. Look through the slide and it should appear normal (not a mirror image). Now turn the slide so the image is upside down while looking at the same side.
- Open the slide holder at the marked spot at the top. With the slide holder laid open place the slide into the recessed area in the holder. The slide should fit perfectly.

Note: Handle slides with care. Any dust scratches or fingerprints will show up on your saved images. If possible use cotton gloves when handling slides. It is recommended to use compressed air to remove any dust on the slides. This is not included with the film scanner but it can be purchased from an office or electronics supply retailer.

- Close the slide holder and press the edges so that it locks in place.
- Hold it in the position as shown in the picture. Insert the Slide Holder into the slot on the left or right side of the film & photo scanner as shown.

Loading Negatives/110 Film



- Negative film properties: The light, shade, and color of the Negative are exactly inverted from the original image. Place the film onto the holder with the glossy side facing up and the image should be upright. Use the tabs in the holder to align the negative film.
- **Note:** Handle negatives with care. Any dust, scratches, or fingerprints will show up on your saved images. If possible use cotton gloves when handling negatives. It is recommended to use compressed air to remove any dust on the negatives. This is not included with the film scanner but it can be purchased from an office supply or electronics supply retailer.
- Close the negative holder and press the edges so that it locks in place

- Hold it in the position as shown in the film & photo scanner. Insert the negative holder into the slot on the left or right side of the film & photo scanner as shown.

Loading photos and name cards



1. Align the corresponding photo tray onto the marked spot.
2. Place the photo at the arrowhead and make sure the back of the photo faces up.



Note

- Please use the provided OCR CD to organize the name cards.
- Handle photos with care. Any dust scratches or fingerprints will show up on your saved images.
- Scanned name cards will capture a standard dimension of 91x55mm. The scanned image will have a slight border around the name card.
- Use the cleaning cloth to wipe down the scanning surface frequently, to prevent dust from appearing on the captured images.

General operations

Note: Please cover the lid when you are capturing, otherwise the picture you captured is not so good if you keep the cover opening.

Quick Start

- Please insert the memory card into the device, and do not take out the memory card when the device is operating, otherwise, the device will be powered off automatically.
- To scan the film, push the switch in the middle of the device to the left side. To scan photos, push the switch to the right side.

- Insert Slide/Negative into the Slide/Negative Holder and insert into the left or right slot of the product or align photographs with the respective photo holders (5 x7 (5R), 4 x6 (4R), 3 ½ x5 (3R), name card)

Apply power to the film & photo scanner in two ways:

1. **USB:** Connect the film & photo scanner to the PC with a USB cable
2. **5V adapter:** Connect the adapter to the device with a USB cable

- Press the POWER button to turn on the film & photo scanner.

Note:

1. When the Film scanner mode is selected, the Film scan LED indicator will be turned on.
2. When the Photo scanner mode is selected, the Photo scan LED indicator will be turned on.

- Follow the on-screen menu for scanning instructions.
- After scanning, remove the memory card.

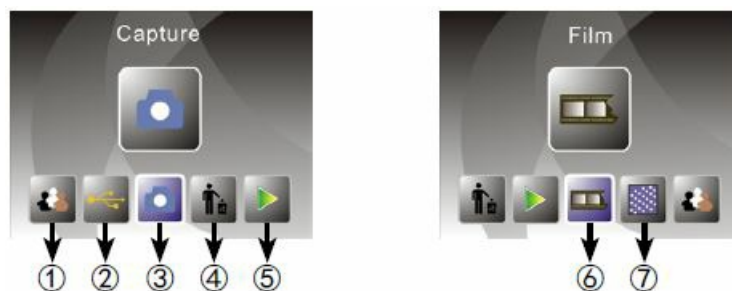
Note: The film & photo scanner has a built-in memory for recording; the internal memory will only be used when there is no SD card inserted.

- Or read pictures from the PC via USB mode

Operation Guide

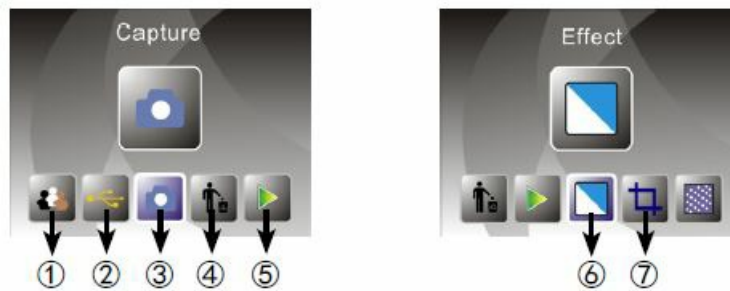
Home/MODE: Main menu

When the Film scanner mode is selected, the following main menu will appear:



1. Language mode
2. USB mode
3. Capture mode
4. Format
5. Playback mode
6. Film Type
7. Resolution

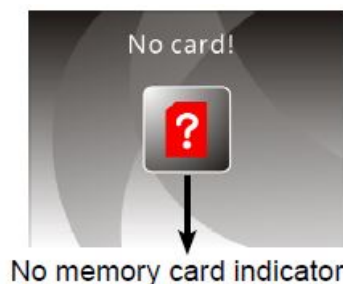
When the Photo scanner mode is selected, the following main menu will appear:



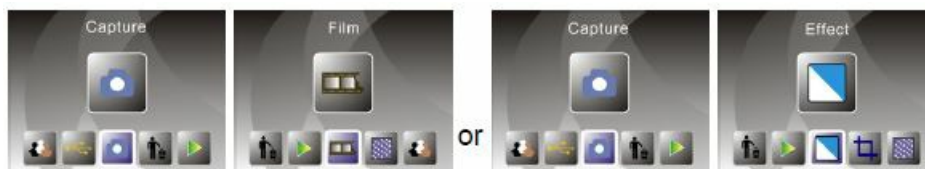
1. Language mode
2. USB mode
3. Capture mode
4. Format
5. Playback mode
6. **Effect:** multicolor, B&W
7. **Crop proportion:** (5"x7" (5R), 4"x6" (4R), 3 1/2"x5" (3R), name card)

Home/MODE: No memory card

When no memory card is inserted into the machine, a warning icon will be shown on the screen.



Capture



After the welcome page, the above menu will appear. You can press the LEFT/RIGHT button for the desired menu, and then press the ENTER button to confirm.

Note: In capture mode, we recommend you use an AC adapter connected to a USB for capturing.

Adjust the brightness and color of the image You can adjust the brightness and color of the image in capture mode.

When entering into capture mode, press the ENTER button, the following picture will show:

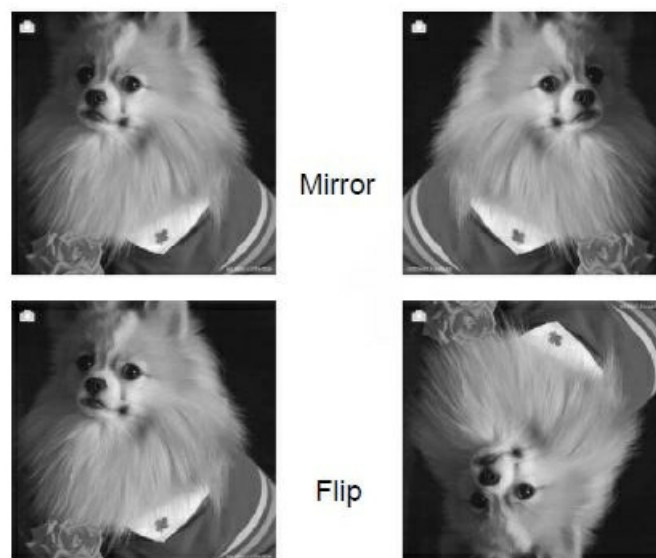
- EV means brightness; R means red;
- G means green; B means blue.
- Press the ENTER button to switch, press the LEFT/RIGHT button to adjust the data
- Press the SCAN button back to image preview mode

EV	•	•	•	•	•	•	•	•	•
	-2	-1	0	1	2				
R	•	•	•	•	•	•	•	•	•
	-2	-1	0	1	2				
G	•	•	•	•	•	•	•	•	•
	-2	-1	0	1	2				
B	•	•	•	•	•	•	•	•	•
	-2	-1	0	1	2				

Capture: Mirror/Flip (Hard Key)

Images can be mirrored or flipped before capture, press the LEFT/RIGHT button for the Mirror/Flip function, The live preview will be adjusted accordingly(This function corrects the capture when the film is either placed upside down or flipped).

Note: The Mirror and Flip buttons can only be used while in the live preview mode



- Press the LEFT/MIRROR button to change the image from left to right
- Press the RIGHT/FLIP button to flip an upside-down image

Capture mode



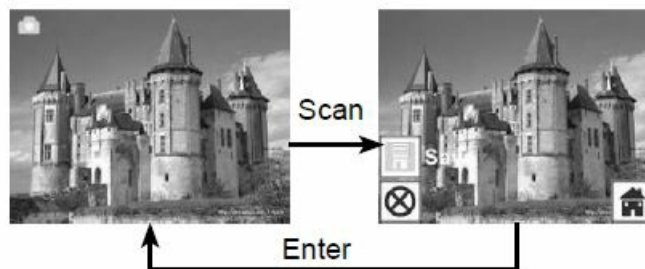
- In the capture mode, there will be an indicator on the left top corner to indicate that it is in live preview mode.
- Pressing the ENTER button, enters the EV value mode. Press the LEFT/RIGHT button to adjust. Press the ENTER button again to confirm and return to live preview mode.

Capture: Edit Menu



1. **Save:** save the captured image
2. **Cancel:** cancel any editing with this image
3. **Home:** back to main menu

Live view→Capture/Edit menu



- Pressing the SCAN button in the live preview, the edit menu will appear.
- Press the ENTER button and the current image will be saved to the internal memory or memory card when there is a memory card inserted.
- The display will return to live view again.

Capture: Save

- Pressing the SCAN button in the live preview, a preview (live view) image will be selected and shown on the screen. It will take between 1~2 seconds with 2 icons shown on the left side of the screen. The save icon will be highlighted. Confirm by pressing the ENTER button, and the display will return to live preview mode.

Capture: Cancel

- Select the Cancel icon with the LEFT/RIGHT button and press the ENTER button to cancel any editing done on the selected image. The display will return to live preview mode (nothing will be saved)

Capture: Home

- Select the Home icon with the LEFT/RIGHT button, press the ENTER or SCAN button anytime to return to the main menu



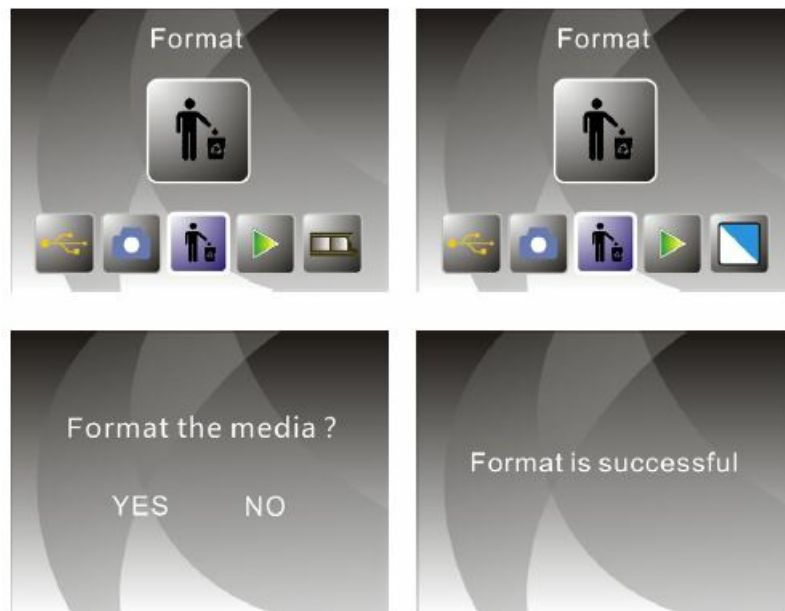
Memory full

- When the internal memory or memory card is full, a memory full icon will be shown. This only appears after the SCAN button is pressed. Download the images to your PC or replace the memory card to continue capturing.

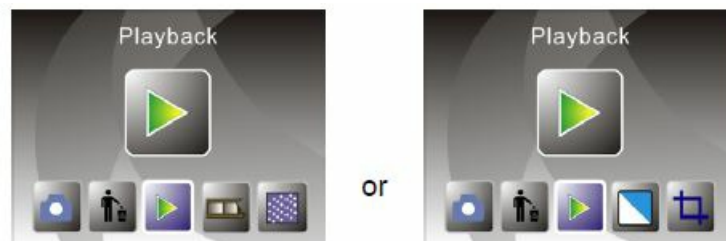


Format

- You can format your scanner or SD card in form mode. If without an SD card, the scanner will be formatted.
- You can select YES or NO to format your scanner or SD card.



Playback



Press the LEFT/RIGHT button to playback mode. Return to the main menu by selecting the Home icon or pressing the SCAN button. Press the ENTER button to confirm the selection.

Playback: Auto Slide Show

In playback mode (defaulted to a slide show preview), the screen will display all images stored in internal memory or memory card. There is a 2-second interval between images. Pause the slide show by pressing the ENTER button (Only the images captured by the film scanner are displayed in the playback mode)



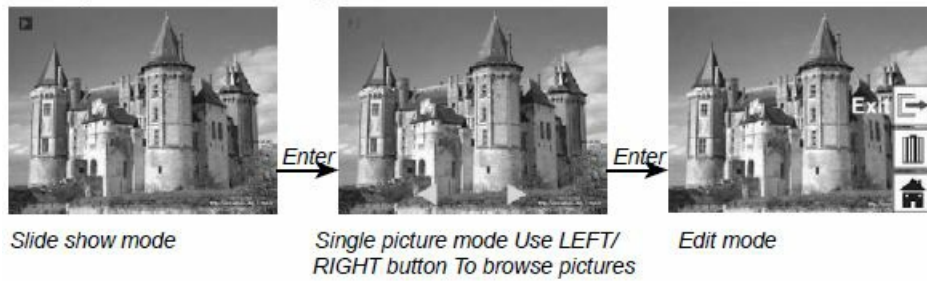
Playback: Edit Menu



1. **Exit:** Return to Slide show mode
2. **Delete:** delete this picture stored in internal memory or memory card
3. **Home:** return to the main menu

Playback: Slide show→Single picture→Edit mode

Pause the slide show mode to single picture playback by pressing the ENTER button. Browse through each picture by pressing the LEFT/ RIGHT button. Press the ENTER button to bring out the edit functions to modify the selected image.



If there is no memory card inserted or there are no images in the internal memory, the screen will automatically display 20 frames of defaulted images. These images cannot be edited.

Playback: Exit



Selecting the Exit function in the edit menu, the display will return to the slide show mode. It starts from the current picture without any changes made.

Playback: Delete



Press the LEFT/RIGHT button to delete the current image by selecting the delete icon and pressing the ENTER button. The next image will be shown. The selection moves to the Exit icon. To continuously delete, move the selection back to the delete icon again and press the ENTER button to confirm.



- **Playback: Home**

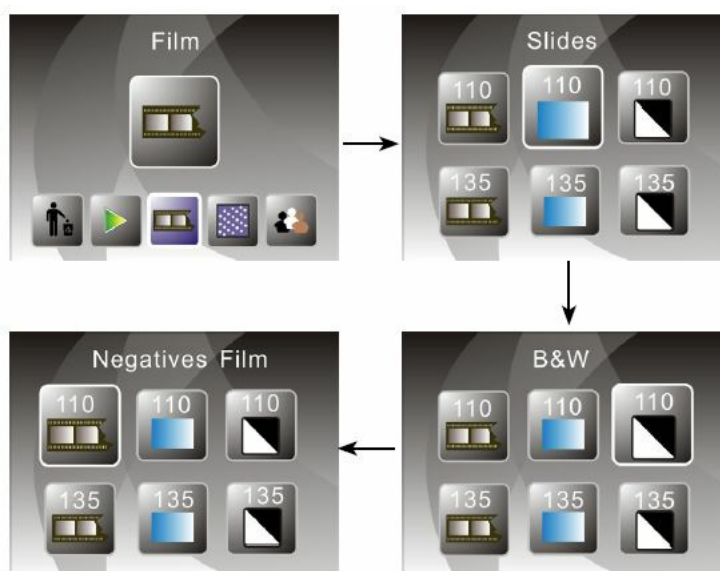
Select the Home icon with the LEFT/RIGHT button, and press the ENTER button or SCAN button to return to the main menu

- **Playback: No Picture**

If there are no images while in playback mode, a No Picture symbol will appear on the screen.

Film Type

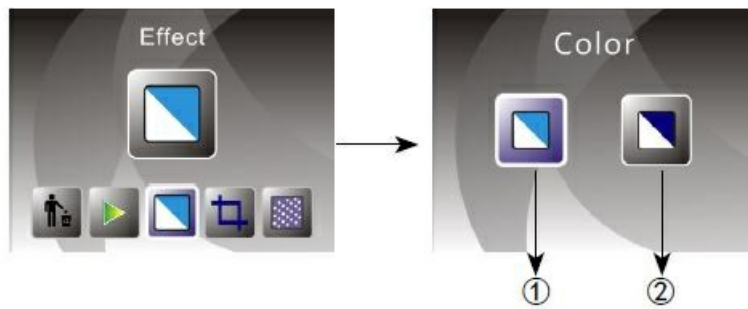
In film scanner mode, change the film type by entering the Film Type menu. Press the LEFT/RIGHT button for Film press the ENTER button to confirm. Press the MODE button to return to the main menu.



Press the LEFT/RIGHT button to select film type, then press the ENTER button to confirm.

Effect

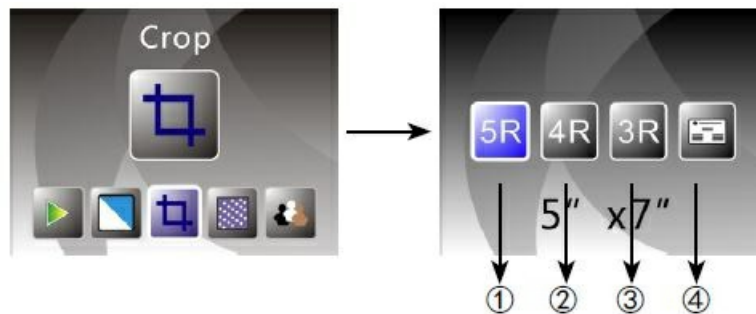
In Photo scanner mode, change the color effect by entering the Effect menu. Press the LEFT/RIGHT button for Effect press the ENTER button to confirm. Press the MODE button to return to the main menu.



1. Multicolor effect
2. B&W effect

Crop proportion

In Photo scanner mode, change crop proportion by entering the Crop menu. Press the LEFT/RIGHT button for Crop press the ENTER button to confirm. Press the MODE button to return to the main menu.



1. 5R (5"X7") crop proportion
2. 4R (4"X6") crop proportion
3. 3R (3 1/2 "x5") crop proportion
4. Name card crop proportion

Business Card Reader

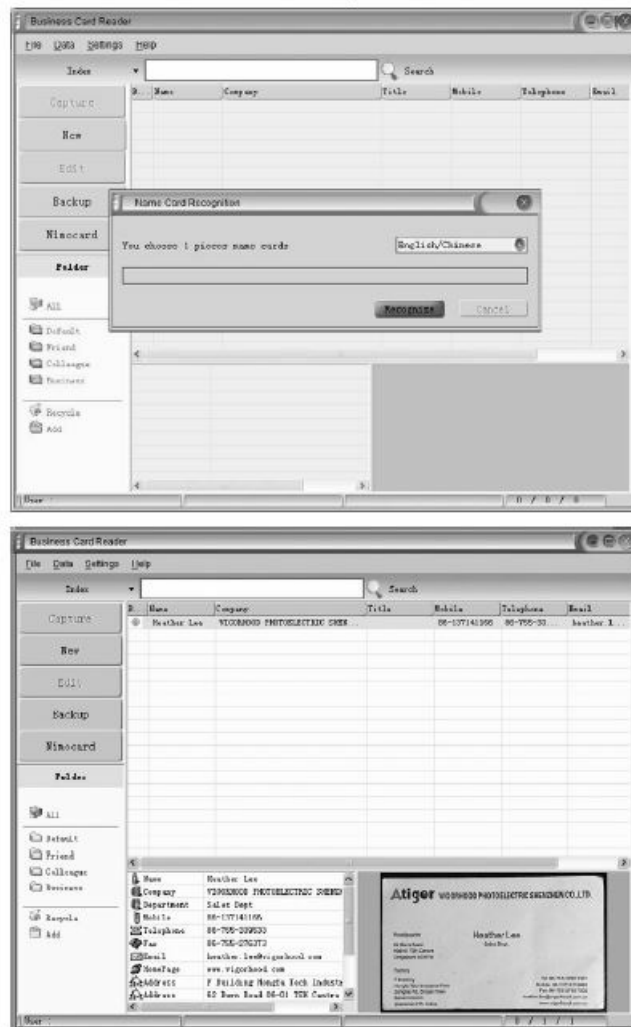
1. Insert the CD into the CD-ROM
2. A pop-up installation interface after you put the CD in the CD-ROM
3. Install a Business Card Reader.



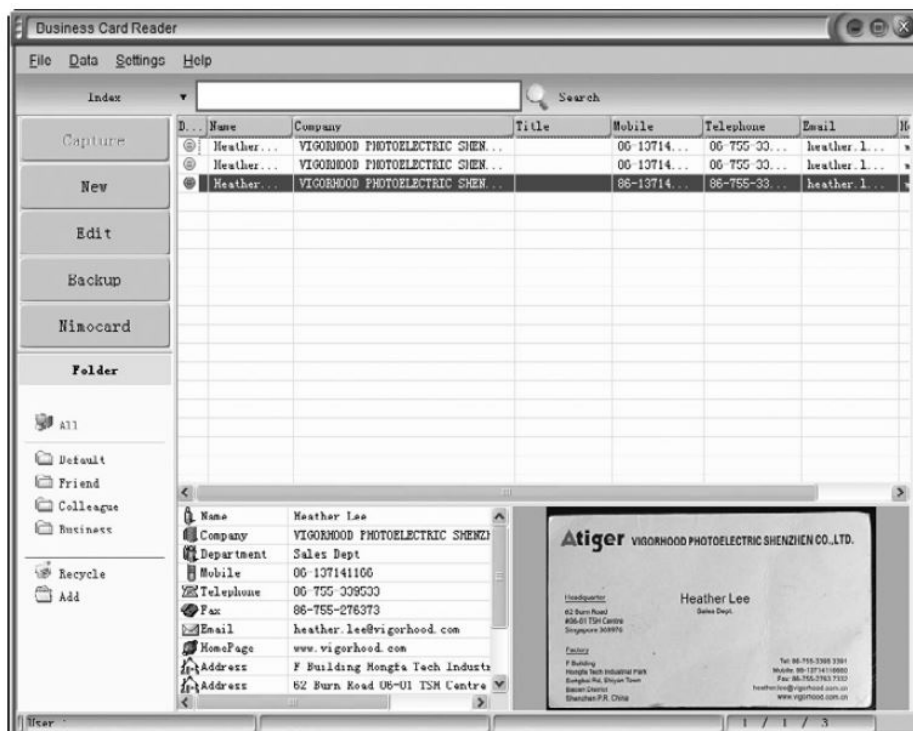
NIMOCARD is a professional business card scanning and management software. Supported by appropriate hardware, Nimocard can quickly capture a business card image, convert it into text using its advanced OCR engine, and then sort each line of text into the appropriate category. Users can also add or edit the card information manually, or import/export data from Microsoft Outlook, Outlook Express, etc. To prevent data loss caused by computer damage or hardware crash, Nimocard can back up users' data into a separate file, or back up all the data onto the internet server.

Name Card Recognition

Select "File" → "open image", you can choose language, and then it will recognize the name card automatically as below.

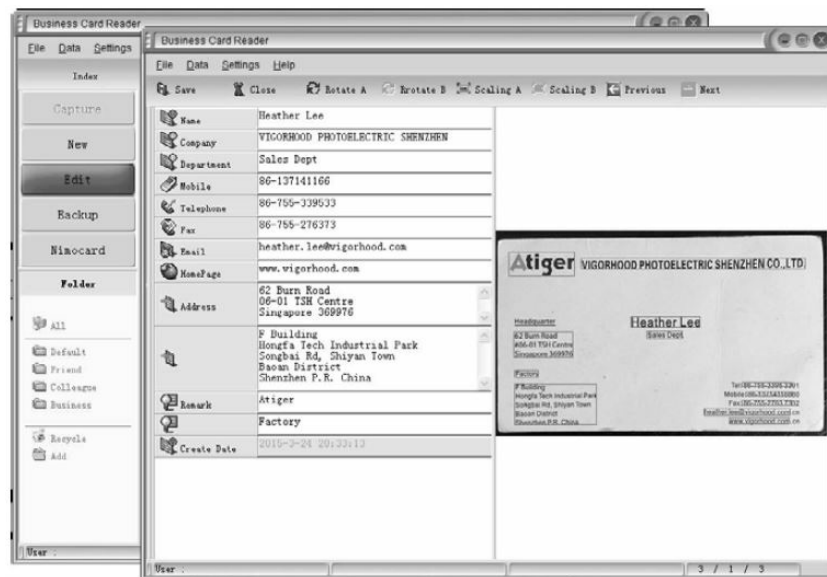


When the scanning is completed, you can close the capture window or click on the main window on the back to bring up the preview window as shown below.



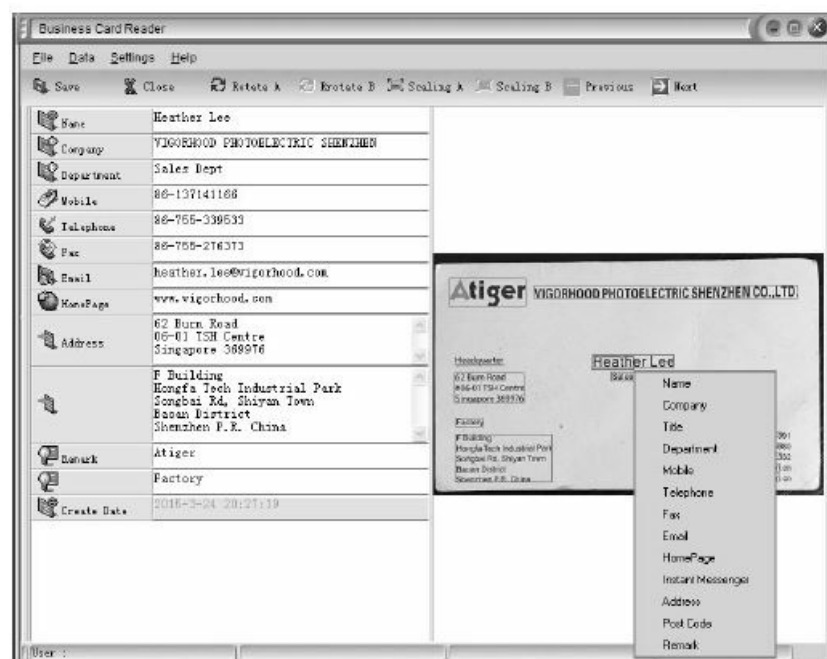
Edit Window

Selected one of the name cards listed in the preview window and then click on the “Edit” button on the left side, the edit window will appear as follows:



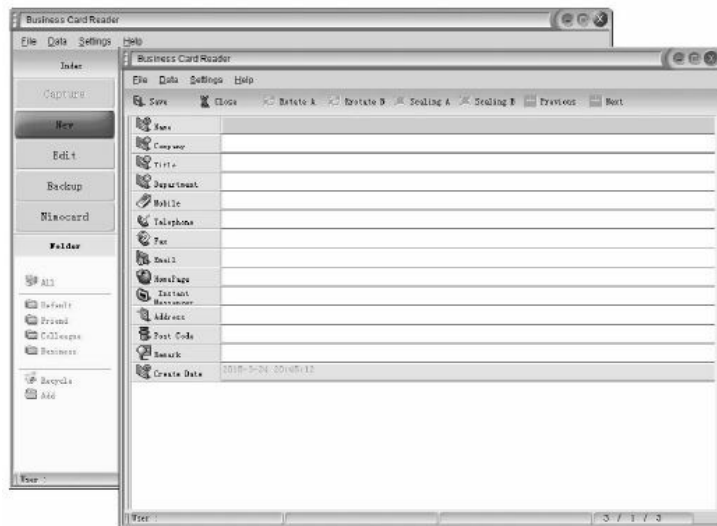
Manually Editing

Users can manually change any content listed on the left side of the window. Or, right-click on any of the selected boxes on the card image and then re-direct them into the right sorting field.



Users can also rotate the image by clicking on the “Rotate” button on the top. When finished editing, please click on the close to exit the editing window.

Add business card



Users can also create a new business card by clicking on the “New” button on the left side of the main window.

Software Features

1. Multi-language OS support

Nimocard uses the Unicode encoding standard and can be installed on various operating systems of different languages.

2. OCR for multiple languages

Advanced OCR engine supports multiple languages, such as English, Simplified Chinese, or Traditional Chinese, etc.

3. Business card management

Nimocard allows users to quickly edit or sort their business card information. Users can also import data from or export data to other Windows applications, such as Windows Outlook, Outlook Express, Excel, etc.

4. Quick Search

Nimocard allows users to search desired business card information using text search. Its quick search speed can let any card be found within a couple of seconds.

5. Business card printing

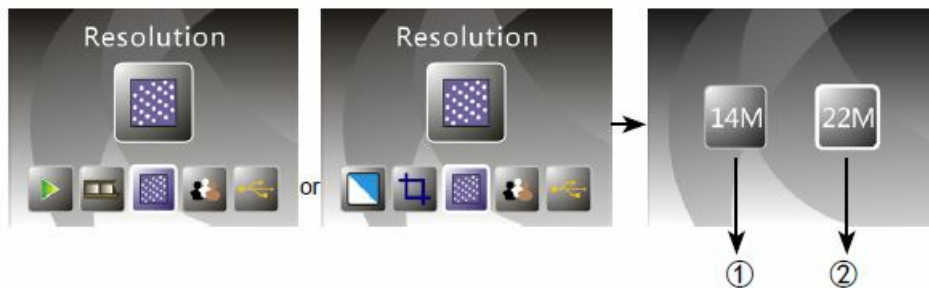
Nimocard provides a wide range of printing templates. Business card information can be easily printed on a variety of labels or envelopes.

6. Data Backup

Nimocard provides various ways of data backup. User can easily backup their data locally into a file or backup their data on the internet server. With the internet backup service, user can access their data anywhere, anytime, on any internet device with web browsing capability.

Resolution

Change resolution by entering the resolution menu. Press the LEFT/RIGHT button for Resolution and press the ENTER button to confirm.



1. 14M resolution
2. 22M resolution

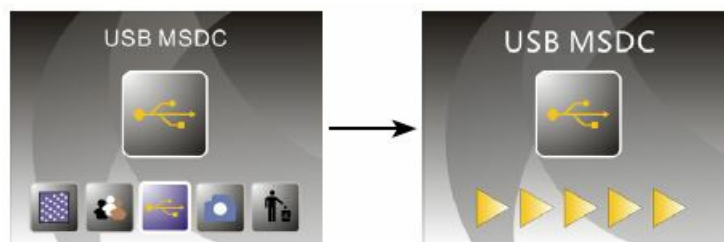
Language

Change language by entering the language menu. Press the LEFT/RIGHT button for Language and press the ENTER button to confirm.



USB mode

After capture, please take out the memory card from the film scanner to download the stored images from the memory card. When the device is connected with a USB cable to a PC, Press the LEFT/RIGHT button for USB MSDC and press the ENTER button to confirm. The film scanner will become a mass storage device and to preview or edit images on a PC.



You can also press the MODE button to back to the main menu.

Maintenance

- Use the cleaning cloth to wipe down the scanning surface frequently, to prevent dust from appearing on the captured images.
- Use the provided cleaning brush to wipe away dust collected on the lens. Make sure that it is in PHOTO MODE.(refer to use instructions below)



1. Gently push the brush into the scanner.
2. Flip the cover open and look through the transparent scanning surface.
3. Make sure that it is in the PHOTO MODE.
4. Make sure that the brush is inserted fully into the scanner and covering the lens.
5. Rotate the brush such that the arrow is facing upwards

Note: if the brush cannot rotate, insert the brush further into the scanner, checking the position through the transparent scanning surface. (repeat steps 2-4)

6. Move the brush gently forward and backward, sliding along the slot of the scanner. The brush will now be wiping the surface of the lens.
7. To remove, reverse the steps.

Troubleshooting

- **Question:** There is an unwanted stripe appearance at the edge of the image.

Answer: If it is a slight stripe, move the slide holder gently to and fro in the device until the stripe is no longer visible in the preview window. If the stripe is still, please contact with our retailer.

- **Question:** The device cannot connect to the computer.

Answer: Please check if the cable has already been connected to the USB port of the computer. Or connect the cable to another USB port. It is recommended that connect it to the motherboard directly, not to the front panel. Turn on the power button, enter USB mode, it acts as a mass storage device.

Technical Specifications

Lens :	3G2P F/NO=3.98 f=5.22 Film Range:51.5mm F/NO=3.4 f=5.12 Photo Range: 170mm
Sensor :	14 mega pixels CMOS sensor
LCD:	2.4 inch LTPS LCD Display
External memory:	SD/MMC card
Exposure :	Auto
Color balance :	Auto
Scan high resolution :	22M interpolation resolution
Data conversion :	24 bits per color channel
Scan Method :	Single-pass
Light source :	16 white LED/Backlight (3 white LED)
LED light lifetime for on & off:	10000 times
Power :	Powered from USB/5V adapter
Interface:	USB 2.0
Dimension:	294.7mm(L) x 229.7mm(W) x 191.1mm(H)
Weight:	1810g
Language:	English, French, German, Italian, Spanish, Traditional Chinese, Simplified Chinese, Japanese

FREQUENTLY ASKED QUESTIONS

What is the QPIX DIGITAL CBS1400 Multi-Function Combo Scanner?

The QPIX DIGITAL CBS1400 Multi-Function Combo Scanner is a versatile scanning device that allows you to digitize a variety of media, including photos, slides, negatives, and documents.

How does the QPIX CBS1400 scanner work?

This scanner uses a high-resolution image sensor and different adapters to capture and convert various media types into digital files.

What types of media formats can the CBS1400 scanner handle?

The QPIX CBS1400 scanner typically supports photos, 35mm slides, 35mm film negatives, and documents, making it suitable for a range of materials.

What is the scanning resolution of the CBS1400 scanner?

The scanner usually offers high scanning resolution, ensuring that digitized images and documents have good quality and detail.

Is it compatible with Windows and Mac computers?

Yes, the QPIX CBS1400 scanner is commonly compatible with both Windows and Mac operating systems, offering flexibility in computer usage.

Can I adjust the color and exposure settings during scanning?

Yes, the scanner typically provides options to adjust color and exposure settings to achieve the desired scan quality.

Is there software included for image and document editing?

The scanner often comes with software for image and document editing, color correction, and enhancing the quality of digitized files.

Can I save scanned files in different file formats?

Yes, you can typically save scanned files in various file formats, such as JPEG, TIFF, PDF, or other common formats, based on your preferences.

Does it support batch scanning for multiple documents and photos?

Many multi-function scanners, including the CBS1400, support batch scanning, allowing you to digitize multiple items in a single session.

What are the physical dimensions and weight of the scanner?

The 4.72 x 4.72 x 4.72 inches dimensions and 3.99 pounds weight.

Is customer support available for technical issues?

Customers can often contact the manufacturer's customer support for assistance with technical issues related to the scanner.

Can I use the scanner for professional applications?

While the CBS1400 scanner can produce high-quality scans, it is commonly used by individuals, photographers, and small businesses for various digitization needs.

What is the typical lifespan of the scanner's components?

The lifespan of the scanner's components can vary by model and usage, but it is generally durable and long-lasting.

Is the scanner suitable for archiving purposes?

The scanner is suitable for digitization, but for long-term archival preservation, proper storage and management of digital files are important.

What is the warranty period for a typical CBS1400 scanner?

The warranty typically range from 1 year to 2 years.

Is there an option for connecting the scanner to a larger display for real-time viewing?

The QPIX CBS1400 scanner is primarily designed for digitization and may not have direct connections for real-time viewing on a larger display during the scanning process.

VIDEO – PRODUCT OVERVIEW



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