



BusinessCam



MADE IN CHINA

QC-3130

User's Manual

Ver. 1005-1

Digitech QC-3130

- Design for online Chat, Video&Voice Calls (MSN, Skype, AOL, Yahoo compatible)
- 2.0MegaPixel High Quality Sensor
- For Notebook and Desktop Use
- Easy to Use, Featured Digitech Webcam Utility Program
- Up to 12.0 MegaPixel Interpolation by Software
- HD/Full HD Video Format Recording
- MPEG4 Recording
- JPEG/BMP Picture Capture
- Built-in Digital Microphone
- USB 2.0 UVC Driverless Interface
- Windows XP/Vista/Win7, Mac OS 10.4.X or higher and Linux OS with UVC Pack



Webcam use



Scanner use



Foldable compact design

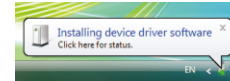
► Digitech Webcam Technical Specification

- | | |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensor | ► 1/4" CMOS Sensor Lens |
| Pixel | ► 2.0Mega Pixel |
| Still Image Capture Resolution | ► Up to 12.0MegaPixel (by software interpolation) |
| Digital Video Capture Resolution | ► Up to 2.0MegaPixel (by hardware)
(Full HD Video Recording** - 1920x1080)
(HD Video Recording** - 1280x720) |
| Digital Video Frame Rate by Hardware | ► 30 frame/sec @ VGA
5 frame/sec @ 1600x1200 |
| Picture Format | ► Jpeg, BMP |
| Video Format | ► MPEG4 |
| Lens | ► Fix |
| Focus Distance | ► 10mm-infinity (Dual Focus) |
| Programmed Adjustment | ► Brightness, Contrast, Hue, Saturation, Sharpness, White Balance, etc.,
Special Effects, Digital Zoom, Face Tracking (all @ 640x480 or lower resolutions) |
| Audio | ► Built-in Digital Microphone |
| Interface Type | ► USB 2.0 UVC (Driverless) |
| Bundled Applications*** | ► Digitech Webcam Utility Program, Digitech Businesscam OCR Software |
| OS Requirement | ► Microsoft Windows XP/Vista/Win7, Mac OS 10.4.X or higher and Linux OS with UVC Pack |
| Others | ► Foldable compact design, ON/OFF LED |

* Technical specifications may change without prior notice
 ** By software
 *** For only Microsoft Windows XP/Vista/Win7



Insert Digitech Webcam usb connector in your computer USB port as shown in the picture.



Your computer will recognise your Digitech Webcam and install the driver. Please wait ...



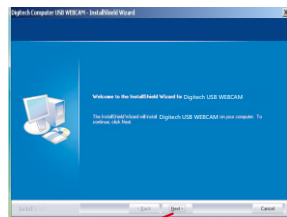
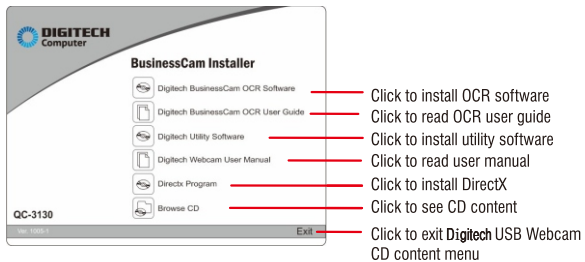
Your Digitech Webcam is installed and ready to use

As last step open any application such as MSN, Skype or Digitech Software, choose Digitech Webcam as your video and sound input device. Then start to use

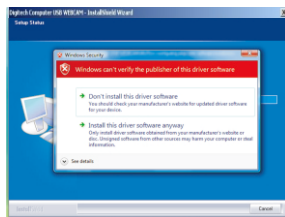
▶ How to install Digitech Webcam Utility Program



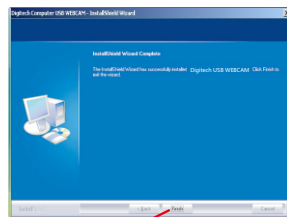
Plug Digitech Webcam usb connector in your computer USB port as shown in the picture.



Click on "next" button to start installation



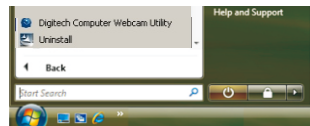
Click on "install this driver software anyway"



Click on "finish" button to complete installation

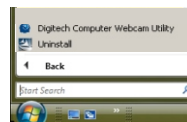


Digitech Webcam Utility Program icon on desktop

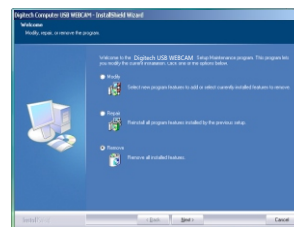


Digitech Webcam Utility Program shown in program menu

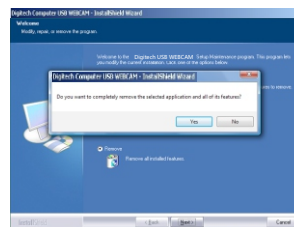
How to uninstall Digitech Webcam Utility Program ◀



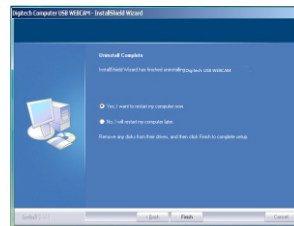
Click on uninstall in Digitech program group list



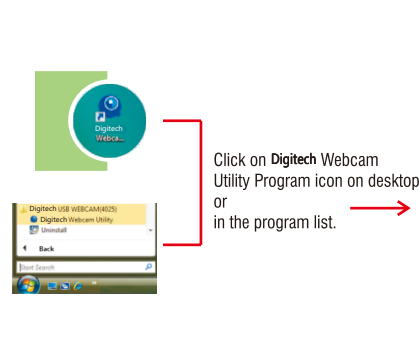
Select "remove" and click on "next" button



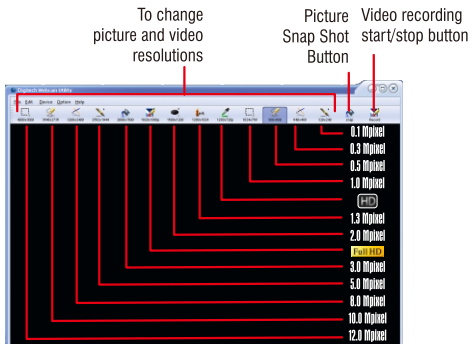
Click on "yes" button.



Click on "finish" button to restart your computer to complete uninstallation process.



Click on Digitech Webcam Utility Program icon on desktop or in the program list.

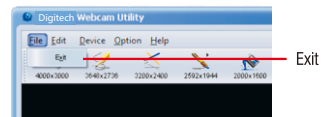


To change picture and video resolutions

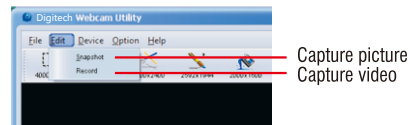
Picture Snap Shot Button

Video recording start/stop button

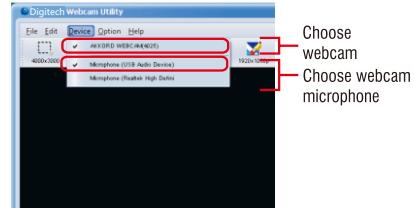
- 0.1 Mpixel
- 0.3 Mpixel
- 0.5 Mpixel
- 1.0 Mpixel
- 1.3 Mpixel
- 2.0 Mpixel
- 3.0 Mpixel
- 5.0 Mpixel
- 8.0 Mpixel
- 10.0 Mpixel
- 12.0 Mpixel



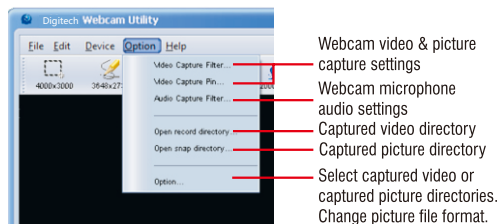
Exit



Capture picture
Capture video



Choose webcam
Choose webcam microphone



Webcam video & picture capture settings

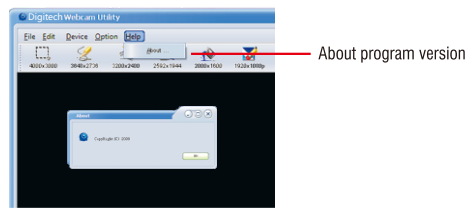
Webcam microphone audio settings

Captured video directory

Captured picture directory

Select captured video or captured picture directories.

Change picture file format.



About program version

Video Capture Filter

Properties - Setting



Properties

Setting Effects Zoom

Image Control

Image Mirror Image Flip

Brightness: 0

Contrast: 40

Gamma: 100

Hue: 0

Saturation: 64

Sharpness: 3

Gain: 0

Backlight: 0

Auto Mode Control: AUTO

Exposure: 5

White Balance

Red: 64

Blue: 64

Default

Save

Load

Flicker

Outdoor

40 Hz

60 Hz

Extra Control

B/W Mode

Extra Control 2

Low Light

Privacy

OK Cancel Apply

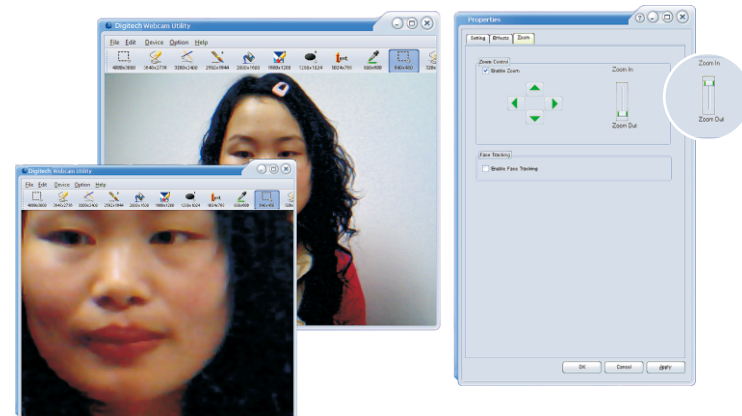
Video Capture Filter

Properties - Effects



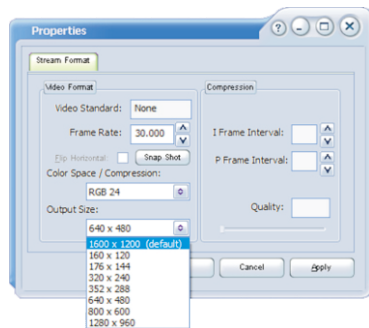
Video Capture Filter

Properties - Zoom - Face tracking



Video capture pin

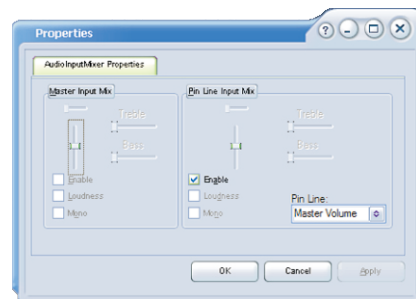
Properties - Output Size



Change video capture output resolution.
(Video resolution can be set on the main menu of Digitech Webcam Utility Program)

Audio Capture Filter

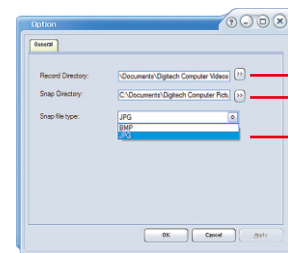
Properties- Audio Input / Mixer Properties



Change microphone settings

Option

General



Change captured video directory
Change captured picture directory
Change picture capture file format

Q.1: Digitech Webcam does not work?

- A1.1: Digitech Webcam are with USB 2.0 UVC Driverless interface. Please follow up steps on page 3 how to install your webcam.
- A1.2: To use your webcam or capture picture/video you need an application installed in your computer. You may use Digitech Webcam Utility Program™ for this purpose (Please refer to page 3 how to install Digitech Webcam Utility Program).
- A1.3: If still you have problem, unplug your webcam from your computer USB port, restart your computer and repeat the steps as explained on page 3
- A1.4: If the problem still exists please contact with your reseller's technical support centre.

Q.2: The microphone of Digitech Webcam does not work.

- A2.1: Please make sure that your webcam's digital microphone "Digital Audio Interface" is chosen as audio input in the application used.
- A2.2: If still not working, unplug your webcam from your computer USB port and restart your computer and repeat the steps as explained on page 2.
- A2.3: If the problem still exists, please contact with your reseller's technical support centre.



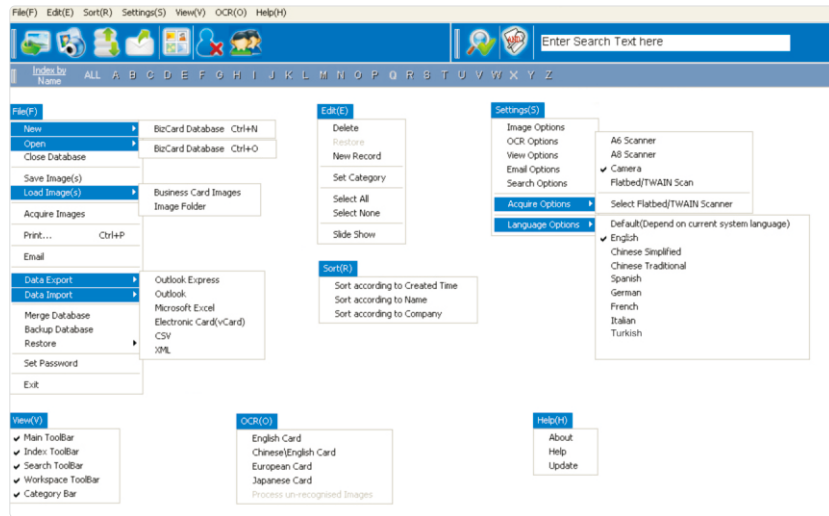
**BusinessCam
QC-3130**

Business card Recognition Software (OCR)

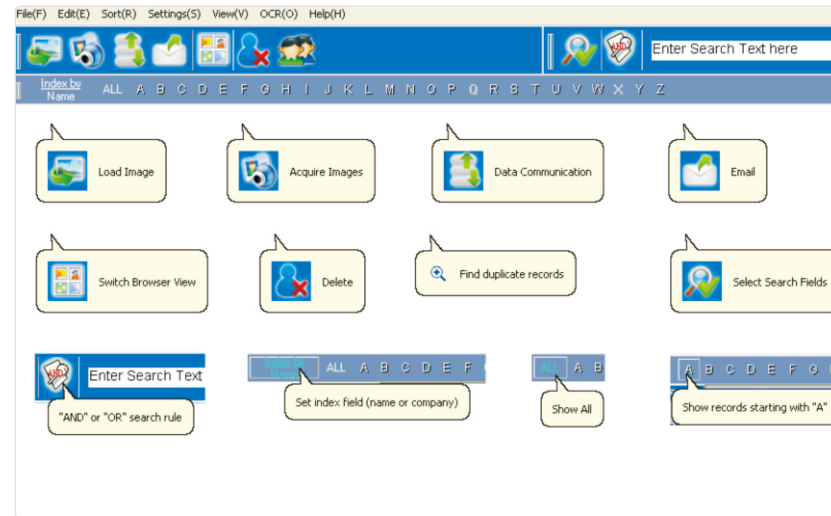
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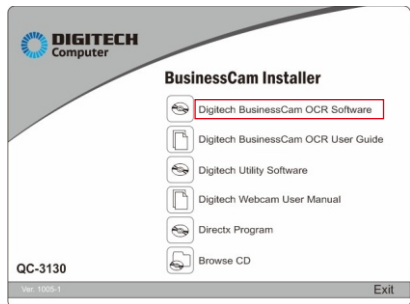
In the OCR menus you can see all details as below. In "Search" box if you enter any text with AND or OR option you can find related card (You can type a name, a company name, a city, a country name, etc. Any individual or combination of text will help you find related name card.)



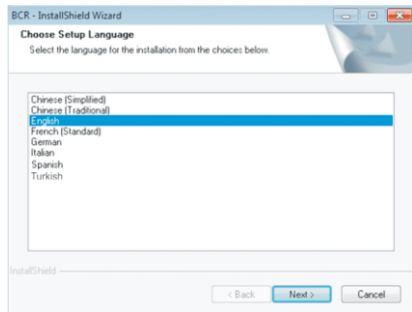
Menu icons will help you to use OCR features easily. You can see each icon function in the picture as below.



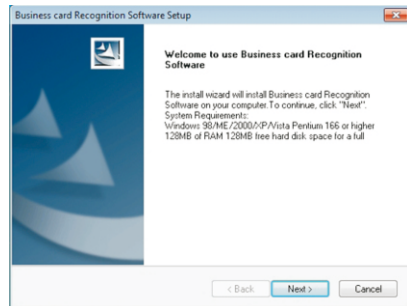
Click on "DigitechBusinessCam OCR Software" icon to start installation.



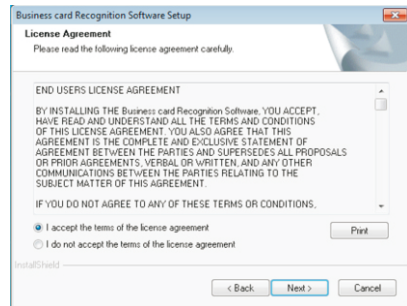
Choose "Installation language" from the following screen.



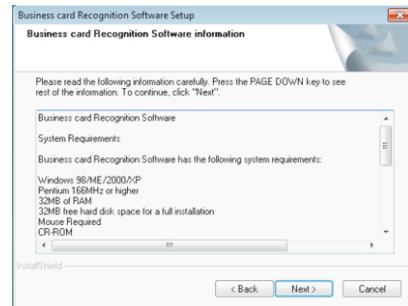
Click on "NEXT" button after checking OS requirements in the following screen.



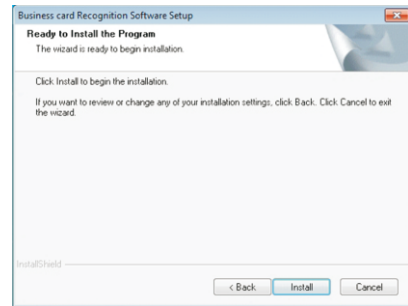
Select "I accept the term of the license agreement" and click on "NEXT" Button in the following screen.



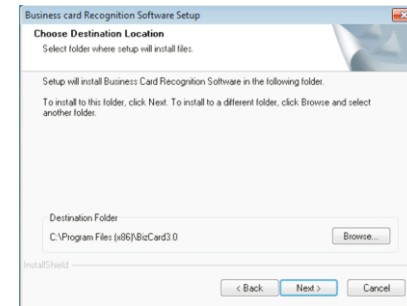
Click on "NEXT" button after checking computer hardware requirement in the following screen.



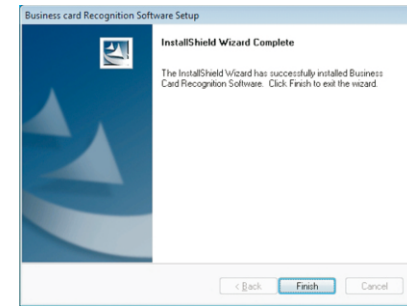
Click on "INSTALL" button to start installation process.



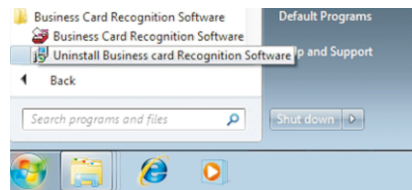
Click on "NEXT" button to create BizCard3.0 Directory.



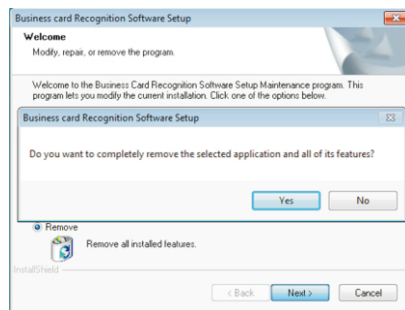
Click on "FINISH" button to complete installation process.



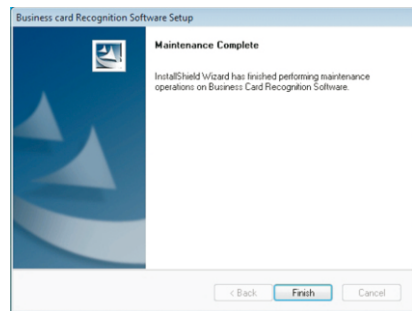
Uninstall BusinessCam OCR Software Click on "Uninstall Business Card Recognition Software" in program list



Click on "YES" button to start uninstallation process.

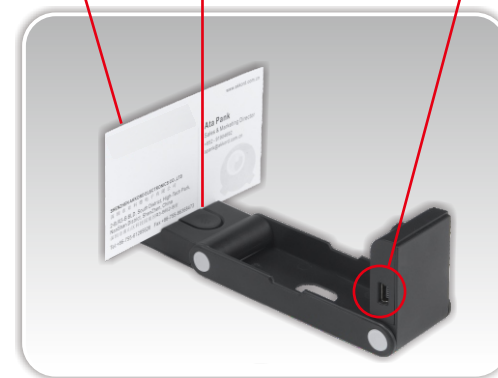


Click on "FINISH" button to complete uninstallation process.



Please connect QC-3130 BusinessCam to your Computer USB port and fix a name card as shown in the picture

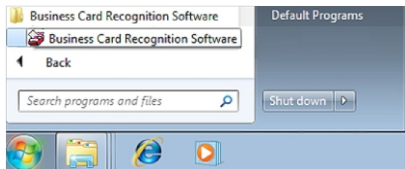
- Place card
- Please place a name card in the card holder part
- Push button fix the card in holder
- Connect provided* USB cable to QC-3130 USB port
- Connect other end to PC USB Port.



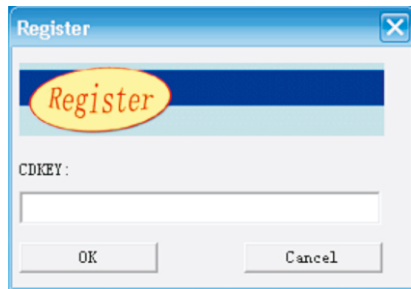
* if you use different cable please make sure length and USB 2.0 standard.

▶ To run Business Card Recognition Software (OCR)

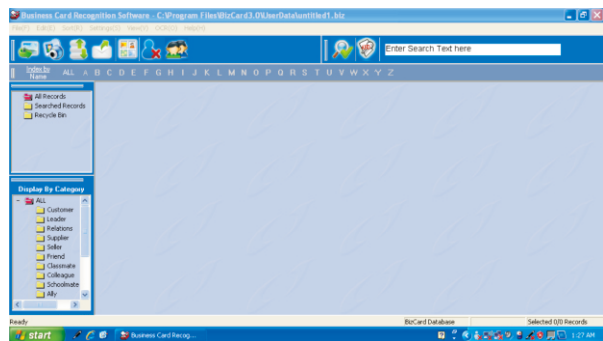
Click on Desktop Icon or choose program list of OS to run "OCR" as shown in pictures below.



If run the OCR first time please enter 20 digit License Key in "xxxxx-xxxxx-xxxxx-xxxxx-xxxxx" format in the CDKEY box as shown in the picture (CD KEY will be normally in at the last page of OCR user manual).

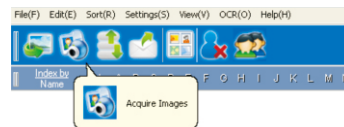


The main screen will be as shown in the picture (there will be no record if OCR used the first time).



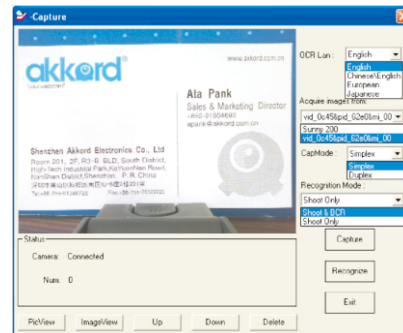
To run Business Card Recognition Software (OCR) ◀

To Scan a name card click on " Acquire Image" icon as shown on the picture.



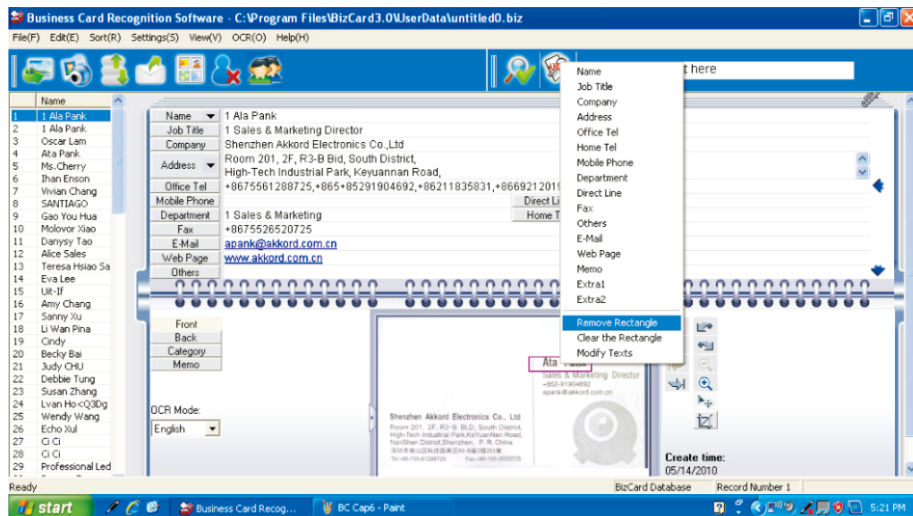
After click on "Acquire Image" the following screen will be displayed. You can position name card in holder to have full view of card (please make sure back ground is plain to have better image crop). In this screen, you can select OCR language, Image Source, Capture Mode (Single or double face of card), Recognition Mode (shoot only or Shoot/Recognize).

To capture and recognize; you can use one of two mode; Capture only or Capture/Recognize Mode (as explain before). If Capture only mode, name card picture will be captured and you need to click on "Recognize" main reason for this to make sure picture capture is okay. If you chose Capture/Recognize Mode after capture OCR will process name card and add it software database. You can repeated same steps for all new name card capture or repeated capture of same name card.



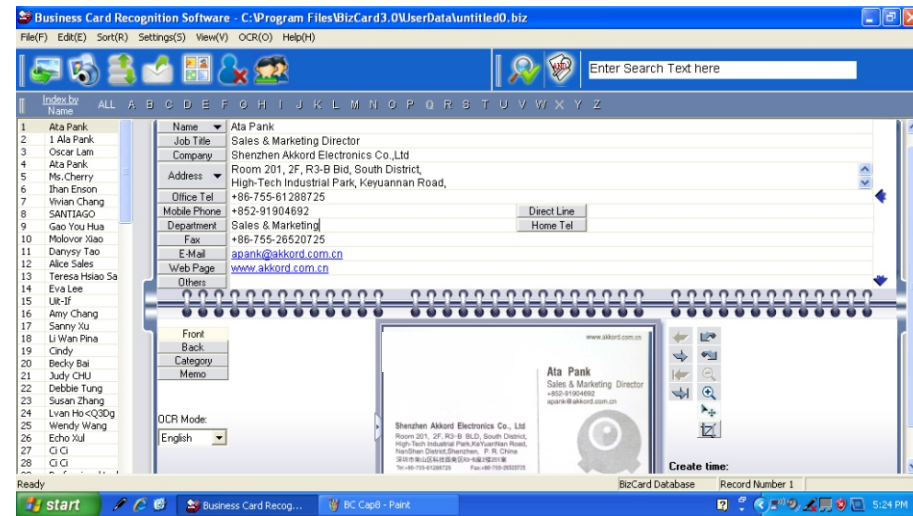
▶ To run Business Card Recognition Software (OCR)

After capture and recognition of a name card, OCR will have a layout for the name card as shown in the below picture. In the layout, you can see captured name card picture at the centre-bottom and all text info assigned by OCR text table at the upper part. You can use your mouse to navigate on the picture of the name card to see text rectangles. Texts in these rectangles will be assigned by OCR to a text table as shown in the picture. By using your mouse right click you can have a menu to clear/change rectangular size or assign/re-assign text to the OCR text table.



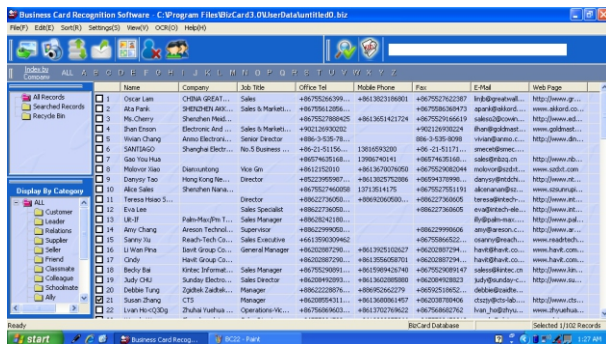
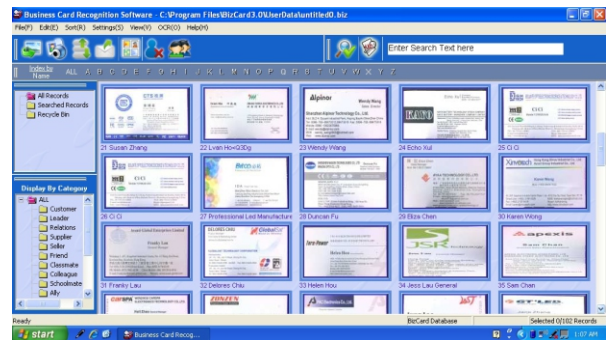
To run Business Card Recognition Software (OCR) ◀

After all info checked and corrected you will see all details as shown in the following screen. In this screen, e-mail address is link to your default mail client and web address link to your default browser for convenient use.



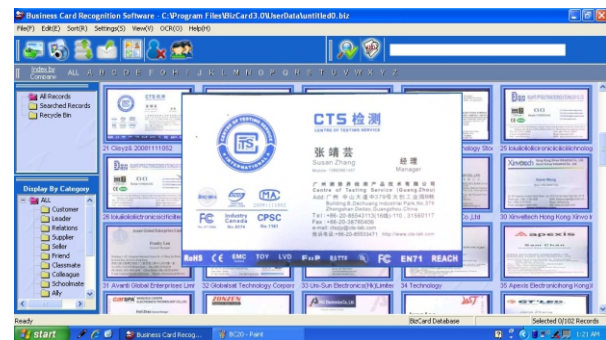
▶ To run Business Card Recognition Software (OCR)

All name cards can be seen in picture icon format or as a text list as shown in the following screens.

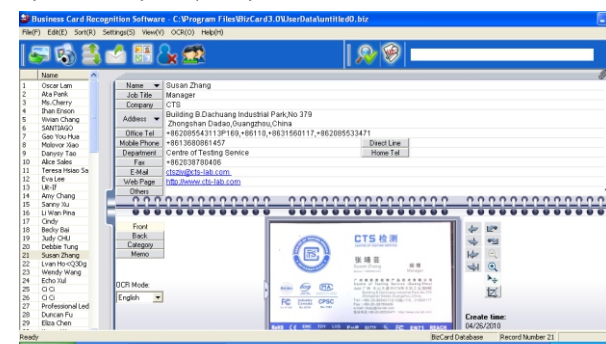


▶ To run Business Card Recognition Software (OCR)

If move your mouse cursor on each individual name card picture you can see bigger size picture and check details easily.



If you click on any small picture you can have individual detailed info for that name card shown as below.



You can refer to help menu to check some detailed info as shown in the picture.



Scanner

Digitec QC-3130 Business

System Requirements

OS: Windows XP/Vista/Win7

Hardware: Pentium 166 or higher / 128MB RAM or Higher /
128MB Free HArD Disk Space / Optical Drive

Language Support

Chinese (Simplified)

Chinese (Traditional)

English

French (Standard)

German

Italian

Spanish

Turkish

*Other languages can be ready based on inquiry.