USER MANUAL
DC-2100

Digital camera
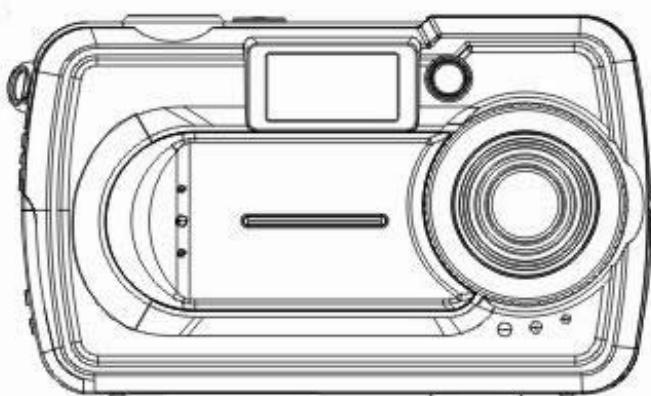
CATALOGUE

1.Comprehensive summarize

Thanks for purchasing our camera. Please read this manual carefully before using the machine.

This camera could not only be used to take photos but also has PC camera function. You can download the photos directly from the camera when USB cable is connected to the computer since it has build-in SDRAM/NAND FLASH and interfaced SD/MMC card (8MB-512MB available). What's more, you can also chat with other people through Internet by its pc camera function.

2. Common caution

1.   Please test before take important photos (such as on weddings or taking a holiday) to insure the function is complete.

2.   Do not use the battery that is full short of the requirement on this manual. Or will cause exploding or leakage of the battery, defiling the battery slot, herewith the fire or hurt human body. Please check the polarity (+/-) to ensure fixes the battery accurately. Please take out the battery if the camera is to put aside. Please wipe off the liquid to keep the battery slot clear if you find the battery leakage before fixing the new battery. Please wash your hands up if your hands have touched the liquid of the battery.

3.   IF the photos are stored on build-in SDRAM, please download the photos to the computer before replacing the battery or do it within 20 seconds, or the photos would be lost. Please use the new battery while going outing in case run out of power and you are unable to replace the battery on the way.

3. Packing list

● Digital camera ● user manual ● CD software ● USB cable

4. System requirements

1、CPU：Pentium 486 / 66MHz or above.

2、RAM：64MB or above

3、Color display： （800*600 at least, 24 bit or above）

4、Operating system：MS Windows 98(Second Edition)\MS Windows Me\Ms Windows 2000\MS Windows XP

5、Available USB cable CD-ROM

5. Acknowledgement of the camera

1. Charging Indicator
2. Power indicator light
3. POWER
4. Shoot
5. UP
6. DOWN（flash select）
7. MODE
8. Repeat
9. DISPLAY
10. USB
11. Battery slot
12. Auto shooting- indictor light
13. Flash
14. Enter button
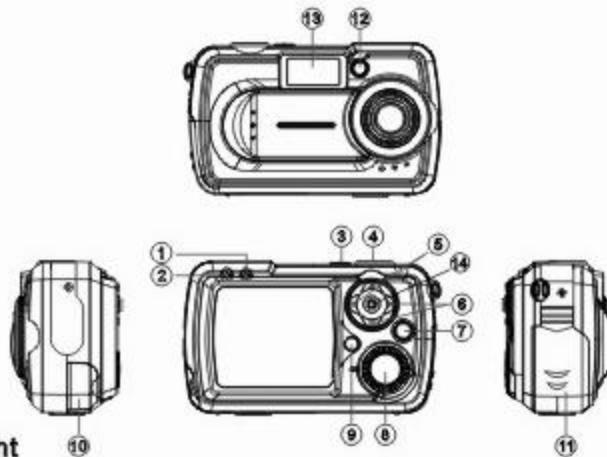
6.Software installation

Insert CD software to CD-ROM ,Click it and then enter, press " autorun" icon.

installation interface will pop up on the desk as followings:

■ Install PhotoImpression

Select"**Install PhotoImpression**"。 Install it under directions of the system.

Install Driver

Press"Install Driver"to install the driver of the camera： Install it under directions of the system， please restart the computer when installation is completed.

7. Functions of the camera

Power On:

Press *POWER* key for 1 second to start up, the camera will be on the working state, you may handle other function then.

Power Off:

It will be power off automatically when it does not work for 60 seconds or

press the *power* key till a long *beep* sounds heard, the camera would be power off.

Take photos

When the camera is powered on, press shooting key once, it will take one photo and you will hear 2 *beep* sounds. The digital on the LCD will be changed accordingly (if start at 000, it will display 001 when you take the first photo and 002 for the second) till full (*FUL* will display on LCD to remind).

Keep it stable when take photos.

It will influence the quality of the photos or failed to take photos if the light ray is not enough.

1.First class menu : Press *Mode* under preview mode

Press *Mode* key for once, it will display the number of the photos/pixel.

Press *Mode* key twice for 10s AUTO shooting, then press the shooting key, it will take photos automatically 10 seconds later.

Press the *Mode* key thrice for **AVI** continuous shooting, then press shoot key to take continuous AVI, a flashing icon would exist on the left corner of the CSTN display. Press the shoot key again to stop the AVI shoot. (Note: every segment have about 2.7M in Memory)

Press the *Mode* key 4 times for continuous shooting (3pcs photos), then press the shoot key, it will take 3pcs photos continuously.

Note: It will return to Preview mode on LCD option menu if no operation within 5 seconds.

2. Second class menu: Press *OK* key under first class mode for once

Pixel: Up/ DOWN key

    VGA   640*480

    SVGA 1024*768

    1.3M 1024*1280
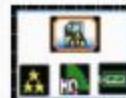
    2.0M 1600*1200 (M interpolated 2.0M)

    3.1 M 2048*1536 （M interpolated 3.0M）

Photo compressing:
The more you compress the photo, the more you can store on the camera,
but it will influence the quality of the photo. Press the *Mode* key under the
second class menu, then press UP/DOWN to switch.

    No compressing state
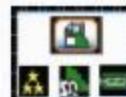
Compressing state

U disk PC CAMERA switch：Press MODE（ON/OFF）key under second class menu and UP/DOWN to switch.

U disk

PC CAMERA
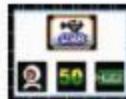
Note： PC CAMERA function must be under the power on mode and connected to computer. Or it will return to U disk state.

50/60Hz switch：To get good quality photo or AVI, please switch the frequency of the camera for adjusting to the light. Generally speaking, the adopted frequency in USA and Asia is 60Hz whereas 50Hz in UK, Japan and Europe.

Press *Mode* key (ON/OFF) thrice under first class menu, then UP/DOWN to switch the frequency.

50Hz

60Hz

Add-ons：Please press *OK* key to return to preview mode when the switch

is completed.

3. Flash: Please select Auto flash to compensate the light if it is not enough. (Within 3 meters, the flashlight works better for photo taking)

Close flash function

Auto flash
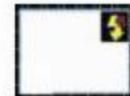
Compelling flash
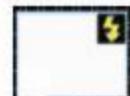
Note: This function does not work when the camera run low battery.

4.Photo preview: Press repeat key under preview mode, select the photos by UP/DOWN key to preview. UP for forward scrolling and DOWN for backward. Then press shoot key for AUTO preview (3 minutes interval between each picture). Press repeat key to turn back to preview mode. It will not shut off automatically within 60 seconds under auto preview mode, unless the power is lower than 2.2V.

5.Delete current photo: Press *Mode* key when preview
   Delete current photo: Press *Mode* key to delete current photo when preview by UP/DOWN key. Right icon will displayed

on the screen, switch "√"by UP/DOWN key, the icon would flash at that time, press *OK* key to delete current photo and turn back to next photo then.

Delete all photos(format EMS memory/card): press *Mode* key twice, right icon will display on the screen, switch " √ " by UP/DOWN key, then press *OK* key to delete all information and turn back to preview mode.

6.Insert battery and memory card

Open the battery lid, place 2 pcs battery to the slot according to the +/- symbol and insert memory card(SD/MMC) to the interface, then close the battery lid.

Read Card   Lock Card
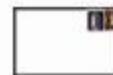
When camera is power on, LCD will display read or lock up the memory card. Please check the SD/MMC card on the spot to take the compatibility into account. It works accordance with the camera (when the new memory card is inserted, the icon will exist on the screen, press shoot key to format the SD/MMC card).
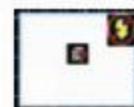
7.Indicate the capacity of battery
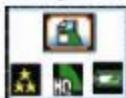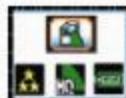
（1）normal   （2）low battery   （3）insufficient battery   （4）bad shortage

Note: under bad shortage, " ▭ " flashes five minutes and then shut off.

■ 8. Photo downloading

Connect the USD cable to camera and computer, buzzer will make beep sounds if computer is power off (No any

1. sounds is computer is power on), that means connect completed, and the LCD will display as the right icon.
2. The icon of U disk will exist on *my computer*, the photos is stored on the directory of the U diskDCIM/100IMAGE. You may copy the photos to your computer then.
3. The camera would be power off auto when you remove the USB cable from the computer

9. Web camera function

Please set the camera as web camera before using the PC CAMERA function (please refer to the right icon switch web camera from U disk); Or keeppressing the shoot key when the camera is not power on till the peep sounds heard, the LCD will display the right icon.

Note: Please contact the camera to computer before it is power off, or you need reset it.

1.Live preview

Select PCCam.exe under the directory of "MegaCam" click twice as photo(1) shows

Select Options on the tool bar as photo (2) shows.

(1)

(2)

2.Videoconference

This camera can be used as video camera for video transmission of videoconference. The only you need to do is

1、 Connect the camera to your computer by USB cable.

2、 Startup the Microsoft Net meeting on you computer desk;

■ 10. Specifications

Image resolution: 1.3M 1280*1024 ; 800K 1024*768 ; 300K 640*480

Interpolated to: 3.1M 2048*1536 and 2.0M 1600*1200

Build in memory: SDRAM

Interface memory: SD/MMC card（8M-512M）

Video shoot frequency: 10 /second（VGA） 25 /second（QVGA）

Lens: f=9.6mm F2.8

Shutter speed: 0.2-1/5000 second

Shoot mode: single, auto shoot, 3 purchase continuous

Auto energy saving: Auto shoot off without operation within 60 seconds

Flash:Auto/ Compressing

Exposure and white balance: Auto

Power: 2XAAA (1.5 V) battery or USB 5V

Computer interface: USB 1.1

Work temperature: 0～40℃

Photo store Capacity:

Photos to be saved are subjected to changes from different ambient light

3.1M	2048*1536	normal 8pcs , compressing 15pcs
2.0M	1600*1200	normal 13pcs , compressing 20pcs
1.3M	1280*1024	normal 18pcs , compressing 28pcs
800K	1024*768	normal 25pcs , compressing 33pcs
300K	680*480	normal 46pcs , compressing 69pcs

FCC Caution:

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.

This equipment has been tested and found to comply with the limits for a 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 accord ance 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment

FCC Notes:
The manufacturer is not responsible for and radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.