

Item no.00082 pixie princess with flash

User Manual

FCC ID: VBY00082



Item No:00082

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U.S.A.

WARNING: 
CHOKING HAZARD- Small parts.
Not for children under 3 years.

Preface

Thank you for purchasing our digital camera.

Please read the following instructions carefully before use.

This camera can capture up to 1.3M pixel still photos and video clips.

The photos and illustrations in this manual may differ from actual product due to custom requirements.



System requirement

System with better performance is strongly recommended.

System requirements	
Operating System	Microsoft Windows2000, Me, XP
CPU	IntelPentium166MHzAboveorequivalent performance CPU
RAM	128 MB Above.
Sound and Video	DirectX8 or above
CDROM	4X or above
Hard disk	500 MB free space or above
I/O	USB 1.1 or USB 2.0

General information:

General cautions:

1. Do not attempt to disassemble the camera, certain components may cause electric shocks.
2. Do not subject the camera to moisture, pressure, impact or heat. Permanent malfunction would be caused as a result.

About memory:

1. The camera requires an external SD card to store all captured images. So SD card must be inserted before taking photo/video.
(SD card must be bought separately, maximum capacity supported is 1GB)
2. To ensure compability, it is highly recommended that you bring your camera along when purchasing the SD card.
3. The camera only supports FAT File system.
4. When the SD card is take out from the camera it is recommended to lock the SD card for protection.

Maintenance:

1. When not in use, remove the batteries and store the camera in a dry and dark place.
2. Always use the hand strap during use to avoid dropping accidentally.
3. When cleansing the lens, blow away all dusts and clean the surface softly with a damp cloth.
4. Use non-organic solvents to clean the lens only if needed.
5. Do not touch the lens with your fingers or any sharp or hard objects.

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1. Installing the driver

1.1 Supported operating systems

- Windows Me
- Windows 2000
- Windows XP


Microsoft Windows 2000 Professional, Windows ME or Windows XP systems are pre-installed.

1.2 Installing the driver

Driver installation is similar for the various Windows systems. When specifying the path, you must simply select the driver in the CD-ROM drive.

The camera has two USB driver modes: PC Camera and Mass Storage. Mass Storage is the default setting. The procedure for installing the drivers for PC Camera mode is described below.

1.3 Installing the driver in PC Camera mode

 When the camera is in Mass Storage mode, Windows ME, 2000 and XP automatically recognize the camera and no driver must be installed.

1. Run the driver in the CD-ROM drive, the InstallShield Wizard appears on your PC monitor. Click "Next" to open the next window



2. Click "Next".



3. Select "I accept the terms in the license agreement". Then click "Next".



4. Now click "Install":




5. Now the system are installing the driver when the following window appears:



6. Click “Finish” to complete installation.



7. Now the system had installed the driver finished when the icon  appears on your PC desktop. You can double click the icon to run PC CAMERA.

8. USB line, used for connecting the camera to the computer using the USB. System discovers the new equipment, according to the suggestion to install the new software for the equipment.

Note: ◦ Always install the driver provide before connecting the camera to your computer.

- Driver is needed for all versions of **Windows** operating system
- Restart computer upon driver installation
- Select the desired PC mode in (see SETUP) before connecting the camera to your computer

Remark: USB line must shielded with a ferrite in the cable provided

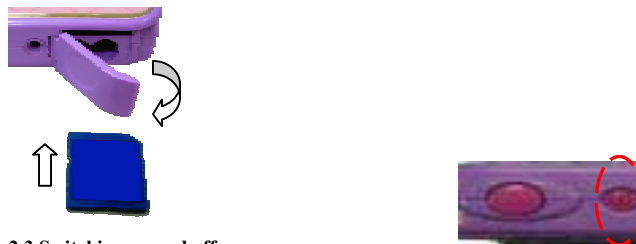
2. Begin use

2.1 Inserting the batteries

1. Open the battery cover
2. Insert 2 AAA batteries as shown (observe polarity carefully)

2.2 Using the SD card

1. Open the battery cover
2. Insert the SD card as shown (observe orientation carefully)
3. Press the SD card inward gently, the SD card will pop out slightly for easy removal.



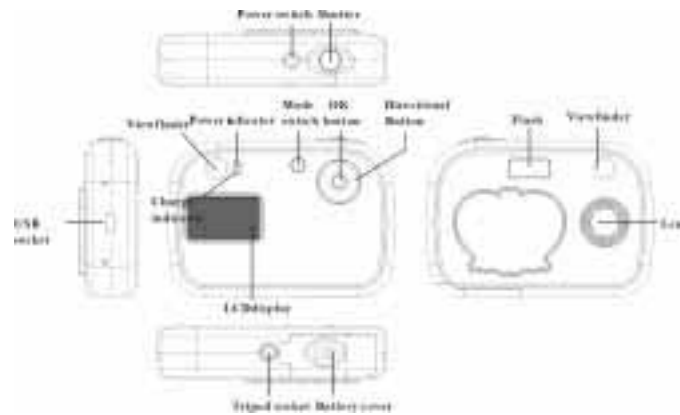
2.3 Switching on and off

1. Switching on the camera: Press the power switch briefly, the power indicator and the display will lit.
2. Switching off the camera: Press and hold the power switch for 3 seconds until camera shuts down.

The camera will turn off itself automatically after 1 minute of non-activity.

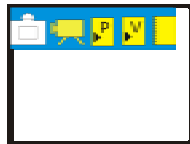
3. Components






3.1 Physical features:



3.2 Display icons

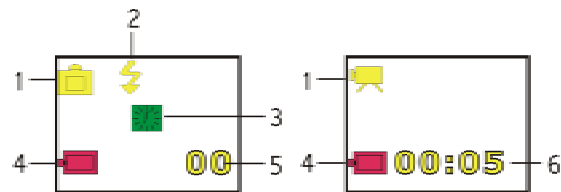
The camera will enter still image mode upon switching on.
Press MODE button to switch among the following modes:










- Photo Mode  Video Mode  Photo playback Mode 
- Video playback mode  Setup mode 

Use the directional button to select the desired mode, and press OK to confirm your selection.

Display icons for Photo and Video Modes:



	Icons
1	Capture Modes  Photo  Video
2	Flash Modes:  Forced  Off
3	Self-timer indicator 
4	Battery meter:  Full  Low
5	Record counter: images / clips captured
6	Clip duration: time lapse of video being captured

4. Main Function

4.1 Capturing still images

1. Press the MODE button to enter Photo mode

(The camera will enter Photo mode automatically upon switching on)

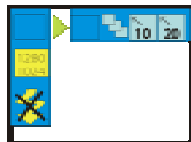
Buttons and functions

Photo Mode

Buttons	Functions
Shutter	Capture
OK	Enter / exit Menu
Left	Flash mode switch
MODE	Mode switch

4.2Photo options

1. Press OK to enter options' menu

















2. Buttons and functions

Photo options

Buttons	Functions
OK	Enter / exit menu
UP	Up
Down	Down
LEFT	LEFT
RIGHT	RIGHT

Note: You must press OK to confirm your selections

3. Option List

Capture options	<ul style="list-style-type: none"> Single  Burst  10s self-timer   15s self-timer  20s self timer
Resolutions	<ul style="list-style-type: none"> 640×480,  1280×1024,  1600×1200,  2048×1536
Flash modes	<ul style="list-style-type: none"> Forced  Off
White balance	<ul style="list-style-type: none"> Auto  Sunny  Cloudy  Fluorescent  Tungsten 
Exposure compensation	-2.0 to +2.0 step 0.5 (+EV brighter –EV darker)

Note: The charging indicator will blink when charging, and stay lit upon completion.

The flash mode will be returned to “off” automatically after each execution.

4.3 Capturing video clips

1. Press the MODE button to enter Video mode
2. Buttons and functions

Video Mode	
Buttons	Functions
Shutter	Start / stop capture
OK	Enter / exit menu
MODE	Mode switch

4.4 Video options

1. Press OK to enter options' menu
2. Buttons and functions

Video Options	
Buttons	Functions
OK	Enter / exit menu
UP	UP
Down	Down
Left	Left
Right	Right

Note: The changes made will be activated automatically upon exiting the menu

1. Options

Resolutions: $\begin{smallmatrix} 320 \\ 240 \end{smallmatrix}$ QVGA 320×240; $\begin{smallmatrix} 640 \\ 480 \end{smallmatrix}$ VGA 640×480

Exposure compensation (see 4.2-3 photo options)

4.5 Playback modes

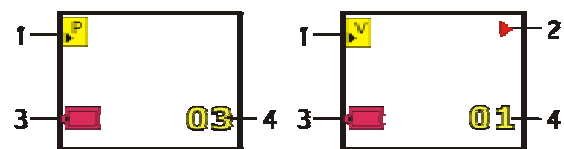
1. Press MODE button to switch to Photo playback or Video playback modes






2. Buttons and functions

Playback modes

Buttons	Functions	
<i>File types</i>	Photo	Video clips
OK	Delete / confirm delete	Delete / confirm delete
Shutter	-----	Start / stop playback
Mode	Mode switch	Mode switch
Left	Previous record	Previous record
Right	Next record	Next record
Up	-----	-----
Down	-----	-----

3. Display icons

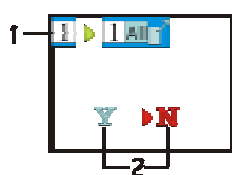


	Icons
1	Playback:  Photo playback  Video Playback
2	Playback indicator 
3	Battery meter:  full  low
4	File number

4.6 Playback options

1. In Photo playback mode and Video playback mode, press OK to delete.








Press MODE button to switch modes



2. Buttons and Function

Play options			
Buttons		Functions	
<i>File types</i>		Photos	Video clips
Delete Options	OK	Confirm selection	Confirm selection
	LEFT	LEFT	LEFT
	RIGHT	RIGHT	RIGHT
Mode Switch Options	OK	Confirm selection	Confirm selection
	LEFT	LEFT	LEFT
	RIGHT	RIGHT	RIGHT

3. Delete options




	Icons
1	<ul style="list-style-type: none"> Delete one  Delete all  exit 
2	  Cancel delete   Confirm delete

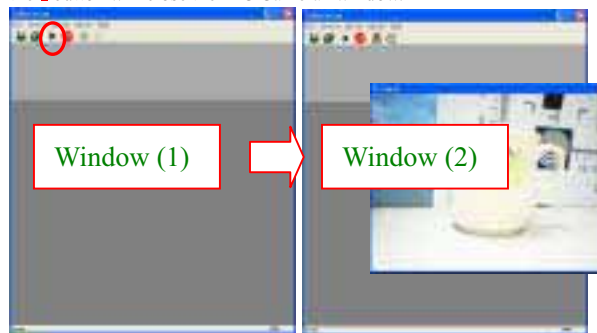
4.7 Mass storage

1. No drivers needed for ME or later versions of Windows
2. Enter SETUP mode and select the Mass Storage option (see 5 SETUP)
3. Connect the camera to your PC via the USB cable provided
4. A “removable disk” will show up in My Computer





Note: If no removable disk is found, restart your computer.

4.8 PCcam

1. Install the driver provided (see 1 installing the drivers)
 2. Enter SETUP mode and select the Webcam option (see 5 SETUP)
 3. Connect the camera to your PC via the USB cable provided.
 4. Double click the  icon and the window (1) below will pop up.
- Clicking on the  button, and there are striking figure 2 “PC Camera” preview window, window will display the corresponding image to the camera. Clicking the  button will close the “PC Camera” window.



Note: if no live view is shown, restart computer and try again.

5. At window (2), press  to capture live view as a still image. Click  to capture live video. Click  to store image shown. Click  to store all images.

6. Click  of “MarsPCCam” to exit.

5. SETUP

Press MODE button to switch to SETUP mode











2. Buttons and functions

SETUP options

Buttons	Functions
OK	Confirm selection
UP	UP- adjust date/time
Down	Down – adjust date/time
Left	Left
Right	Right

3. Intercalate option

Menu	Options
Set date /time	<ul style="list-style-type: none"> Set date and time
Stamp	<ul style="list-style-type: none"> Stamp off  Day stamp only  Time stamp only  Date and Time stamp
Format	<ul style="list-style-type: none"> Re-format SD card (all files will be erased permanently)
Frequency	 50Hz,  60Hz
USB modes	<ul style="list-style-type: none"> Mass Storage  PC cam
Language	<ul style="list-style-type: none"> English
Info	<ul style="list-style-type: none"> Production ID
Icon	<ul style="list-style-type: none"> Show Icons  Icons off
Key sound	<ul style="list-style-type: none"> Key sound on  Key sound off
Default	<ul style="list-style-type: none"> Return to default setting
Exit	<ul style="list-style-type: none"> Exit menu

Note: Whenever batteries are removed, the default date will be restored.

All settings will be restored to default values after switching off, except Date, time and frequency

6. Specifications

Maximum output pixels	204×1536
Effective pixels	1280×1024
Lens	1.2M~∞
Photo resolutions	2048×1536 3M interpolated 1600×1200 2M interpolated 1280×1024 1.3M 640×480 0.3M
Video resolution	320X240; 460×330
Exposure Control	- 2.0 to + 2.0 EV in steps of 0.5 EV
Shutter speed	1/10 ~ 1/1000
Zoom	4 × Digital
Internal Memory	8MB(4×16)SDRAM
External Memory	This camera takes SD card up to 1 GB
Self-timer	10.15.20.Seconds duration
Built-in flash	Flash range:Max 2Meters/6feet
Supported Language	English
PC Systems required	2000, ME & XP
Software(on CDROM)	ArcSoft Photo Impression V5&Video Impression V2
Display	1.1" CSTN LCD
Interface	USB
Power Supply	2 1.5V AAA Alkaline batteries
Dimensions	95mm×65mm×23mm
Weight	2.65 Oz/ (without batteries & SD card)

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B 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 accordance 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

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.