argus®

DC-3190
USER MANUAL

Package Contents:

Argus DC-3190 3.2MP Digital Camera
3 AAA Alkaline Batteries
Camera Pouch
Driver and Software CD

Table of Contents

Safety and General Information

Thank you for purchasing the Argus DC-3190.
We hope that you enjoy this camera for years
of trouble-free operation. Please read this
manual carefully before using the camera
and follow the instruction to avoid any damage
that could be caused by improper operation.

Caution

The software CD-ROM packaged with the
camera is designed to be used with a personal
computer only. Do not attempt to play this
CD-ROM on a stereo or CD player as this may
cause damage to both the disc and the CD player.

This camera is a precision electronic device.
Do not attempt to service this camera yourself.
Opening or removing the cover may expose you
to dangerous voltages or other risks. Further,
avoid exposing this camera to direct sunlight
as doing so could cause a fire.

Before Using Your Camera

Use your camera to shoot several trial images
before taking pictures of important subjects
to ensure proper operation. Any loss caused
by the malfunction of this product (such as

costs of photography or loss of benefit generated by the photography) is not the responsibility of Argus Camera Company and no compensation will be given for it.

Copyright Information
Unless agreed by the rightful owner, pictures taken with this digital camera cannot be used in violation of copyright law. Moreover, when there is a "No Photography" restriction in place, you cannot record any performance, improvisation, or exhibit even for personal use. Any transfer of pictures or memory cards with data must be conducted under the constraints of copyright law.

Caution When Using the Camera
This product consists of intricate electrical parts. To ensure that the camera photographs normally, do not drop or hit the camera when taking pictures. Avoid using or placing the camera in the following locations:

1. Damp and dusty places.
2. Sealed vehicles or other places exposed to direct sunlight or subject to extreme temperatures.
3. Turbulent environments.

Do not open the battery cover when the power is on as this may cause a loss of images.

If the camera has gotten wet, immediately turn the power OFF and remove the batteries. Do not attempt to dry it with an external heat source.

How to Maintain Your Camera
1. If the lens, LCD display, or viewfinder is dirty, please use the accompanying cleaning cloth to wipe the surface clean. Avoid touching these areas with your fingers.
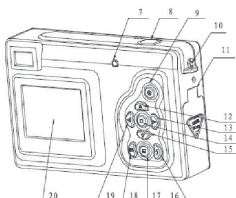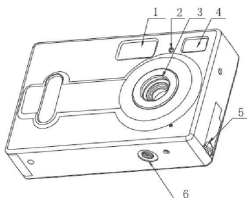
2. When not in use, keep the camera in its carrying case, otherwise you risk scratching the lens, LCD display, orviewfinder.

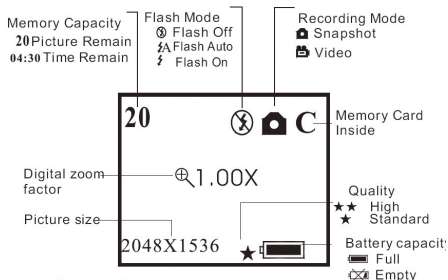3. Do not use soap, detergent, or other solution to clean the camera; use a clean, soft cloth only.

Getting to know Your Camera

Camera Components Guide

1. Flash
2. Self-timer LED
3. Lens
4. Viewfinder
5. USB
6. Tripod mount
7. Flash LED
8. Shutter button
9. ON/OFF button
10. Strap bar

11. Battery/Card slot cover
12. Up button
13. Right button
14. Menu button
15. Down button
16. Flash button
17. Playback button
18. Display button
19. Left button
20. LCD screen

LCD display

Memory Capacity
20 Picture Remain
04:30 Time Remain

Flash Mode
🚫 Flash Off
⚡A Flash Auto
⚡ Flash On

Recording Mode
📷 Snapshot
🎬 Video

20 🚫 📷 C   Memory Card Inside

Digital zoom factor ⊕ 1.00X

Picture size 2048X1536

Quality
★★ High
★ Standard

★ ▭ Battery capacity
▭ Full
⊠ Empty

Prepare Your Camera for Use

Load Batteries and Memory Card
Open the battery cover and insert the batteries according to the polarity indicated on the battery door and close the cover. Optional: insert an SD memory card (not included).

When the battery power is low, an icon will appear on the screen. You will need to select what kind of battery you are using. If you use alkaline batteries, you should select 1 and the battery capacity icon will display half full indicating that you will not be able to use the flash but you will still be able to take pictures until the icon displays empty; If you are using rechargeable batteries, select 2 and the battery capacity icon will display full indicating that you can take pictures until the icon shows that the battery capacity is empty.

5

Turning the Camera ON/OFF

To turn the camera on, press the ON/OFF button for 2 to 3 seconds until the operation LED is lit. To turn off the camera, press the ON/OFF button for 2 seconds. The camera will also power off automatically after 30 seconds of inactivity if not connected to the computer via the USB cable. The auto power off time can be manually set as described in the Auto Power Off section of this manual.

Camera Setup

Taking Pictures and Recording Options

Image Capture

Pressing the menu button will enter the capture select menu. Press the UP or DOWN button to select the desired capture mode, then press menu button to confirm.

```
Capture
Cancel
▶Single
Self Timer
Video 320X240
Video 192X144
```

Color Options

From the Image Capture menu, press the RIGHT button to enter the Color Options menu. Press the UP or DOWN button to select the item that you wish to adjust and the menu button to enter the selected item.

```
Color
Cancel
▶Auto
Exposure
White balance
Sharpness
```

Adjusting Exposure Value:
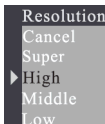
Selecting the desired White Balance:

Adjusting the Sharpness:

Resolution
Press the UP or DOWN button to select the desired resolution and press the menu button to confirm.

Super: 2304X1728
High: 2048X1536
Middle: 1600X1200
Low: 1280X102 4

Quality
Press the UP or DOWN button to select the preferred quality level and press the menu button to confirm.
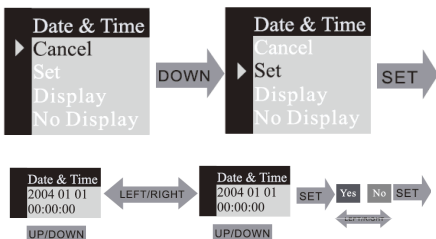
Auto Power-Off Time

Press the DOWN button to set the Auto Power-Off Time.
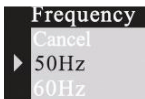

Set the Date and Time

Press the DOWN button to set date and time.

If DISPLAY is selected, the date & time will show on the captured images. If you do not want the date and time on the pictures, select NO DISPLAY.

Set Frequency

Changing the frequency may help to reduce flicker if you use fluorescent lights.

Language

Press the UP or DOWN button to select the desired language and press the menu button to confirm.

Playback

Pressing the PLAYBACK button will put the camera in preview mode.

Erase, Format, and Protect

While viewing an image, you can press the menu button to enter the erase menu. From this menu, press the UP or DOWN button to select erase "One" frame or "All." Selecting "All" will erase all images currently stored in memory or on the SD/MMC card. Press the main button to confirm file deletion.
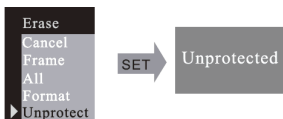
Selecting the format mode will format the memory card inside camera. Formatting the memory card will erase all images stored on it.

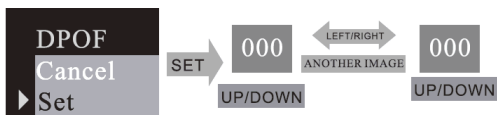Selecting the protected mode will protect the frame selected from deletion.

If you want unprotect an image, select go to the protected picture, enter "Erase" mode as previously described, and select "Unprotect" by pressing the right button and pressing the menu button to confirm.
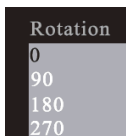
DPOF (Digital Print Order Format)

By using DPOF, you can select an image for printing and set the quantity that you want to print.

Rotation

Press UP or DOWN button to select the rotation angle, and menu button to enter the selected angle.

ZOOM/PAN

In picture preview mode, you can ZOOM in on an image and use the PAN function to move the display range of the image. After entering the ZOOM / PAN menu, press the DOWN button to enter PAN mode and the menu button to confirm. Press the UP, DOWN, LEFT, and RIGHT buttons to view the entire display range of the picture. To cancel the PAN PAN function, press the MENU button followed by the DOWN button to Cancel.

ZOOM
Cancel
▶ Pan

Using Your Digital Camera

Taking Pictures
To take a picture, frame your subject in either the LCD display or the viewfinder and press the shutter button. You will here a beeping sound to indicate that the snapshot is finished. Simultaneously, the number of available images on the LCD display will decrease by one.

Use the Self-Timer
To include yourself in a captured image, you can set this camera to pause 10 seconds before taking a picture. To enter the SELF-TIMER mode, press the menu button and select SELF-TIMER, then press the menu button to confirm. After you press the shutter button, the self-timer LED will blink for 10 seconds and then take a picture.

Record Video
Your digital camera can be used to take short video clips without sound. To enter video capture mode, press the menu button and change to the VIDEO mode. Press the menu button to confirm. After confirming VIDEO, press the shutter button to start recording video.

Use the Flash

By pressing the flash button, you will enter the FLASH menu. You can choose FLASH AUTO, ON, or OFF. Choosing flash AUTO or ON will cause the camera to charge the flash. While the flash is charging, the LCD display will be dark and the operation LED will blink. When the LED stops blinking and the LCD display turns on, charging is completed and the flash is ready.

The FLASH ON function will always use the flash, while the FLASH AUTO function will use the flash only when required by the camera.

Digital Zoom Feature

In the image/capture modes you can use the digital zoom feature which will allow you to take close-up images of your subject. While in capture mode, press the UP button to zoom in and the DOWN button to zoom out.
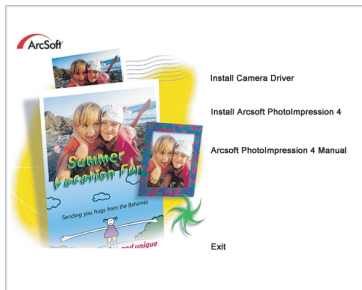
Playback

Pressing the Playback button enters Preview mode which will allow you to view all captured images one at a time. While in preview, you can press the DISPLAY button to change from one picture viewing to a display of nine images at a time. While viewing a single picture, pressing the UP or DOWN button will zoom in or zoom out the picture and pressing the LEFT/RIGHT buttons will change to the next or previous image. To play a video while viewing the nine picture screen, select the image with the directional buttons and then press the DISPLAY button.
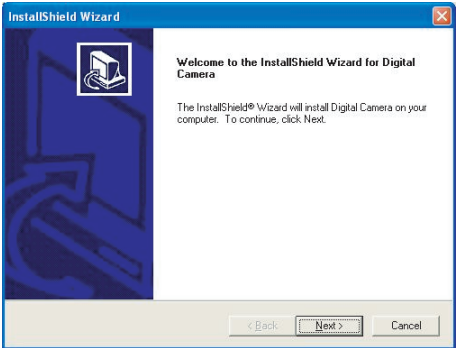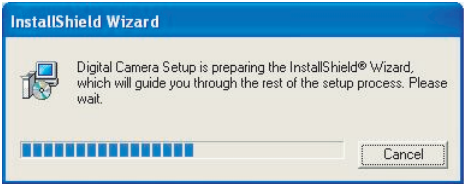
Download Images to a Computer

Enter preview mode and connect the camera to the computer via the USB cable. You will not need to install a driver for image download if you use Windows 2000/ME/XP. Simply connect the camera to PC, the LCD screen will display "MSDC" and the camera will be recognized as a removable disk, allowing you can directly copy the pictures from the camera to your computer.

If you are using Windows 98SE, you must install the camera driver before attaching the camera to the computer. To install the camera drivers, please refer to the section on Installing Drivers. After the driver is installed, connect the camera to PC in while in preview mode and the computer will find a USB mass storage device and install the device driver automatically. After this process is complete, the camera will be recognized as a removable disk and the pictures can be copied to the computer.
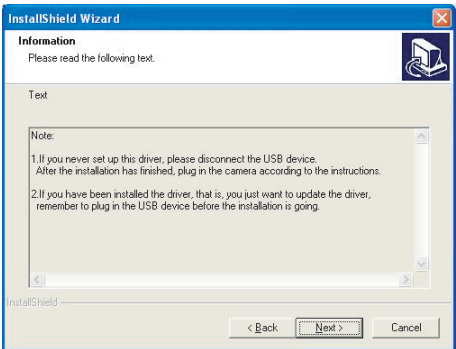
Driver Installation

Insert the accompanying CD into the CD-ROM drive and it should automatically open a Menu screen (shown below)
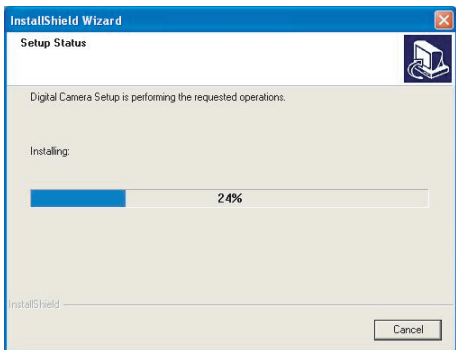
Click on Install Camera Driver.

Click on the NEXT button to proceed to the next step.

Click on the Next button to install the driver
for the camera.

Once the installation is completed, click on
FINISH and it will close the window.

Software Installation

On the Main menu, click on Install Arcsoft Photo Impression 4 and the Choose Setup Languare screen will appear.

Click on the OK button to proceed with the software installation.

Click on the NEXT button to proceed to the next step.

PhotoImpression 4 Setup

License Agreement
Please read the following license agreement carefully.

ArcSoft

Press the PAGE DOWN key to see the rest of the agreement.

End User License Agreement
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The following is a legal software license agreement between you, the software end user, and ArcSoft, Inc. Carefully read this license agreement before using the product. Using the product indicates that you have read this license agreement and agree to its terms.

Grant of License. This license permits you to use one copy of the software included in this package on any single computer. For each software licensee, the program can be "in use" on only one computer at any given time. The software is "in use" when it is either

Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install PhotoImpression, you must accept this agreement.

InstallShield

< Back   Yes   No

Click on the YES button and the next screen will ask for the location where you want to save this program.

PhotoImpression 4 Setup

Choose Destination Location
Select folder where Setup will install files.

ArcSoft

Setup will install PhotoImpression in the following folder.

To install to this folder, click Next. To install to a different folder, click Browse and select another folder.

Destination Folder
C:\Program Files\ArcSoft\PhotoImpression 4   Browse...

InstallShield

< Back   Next >   Cancel
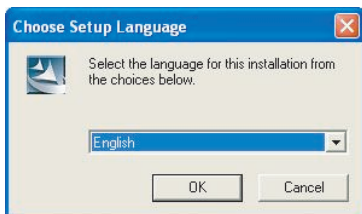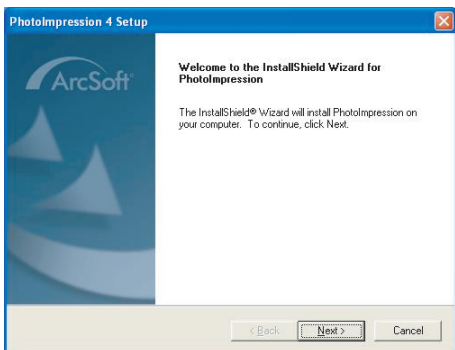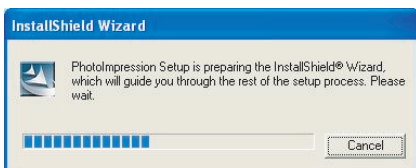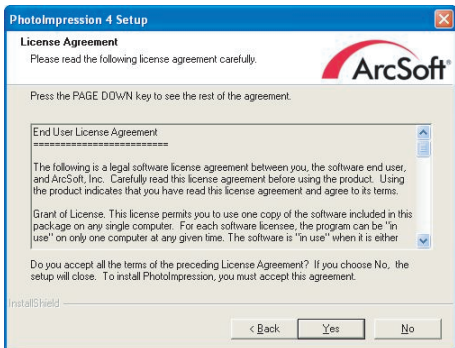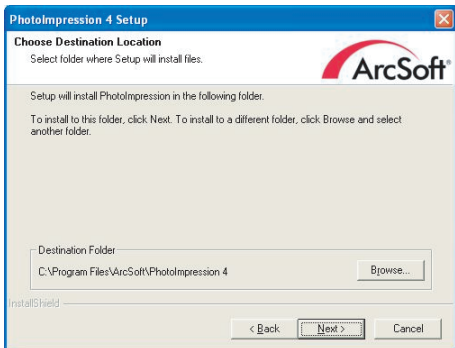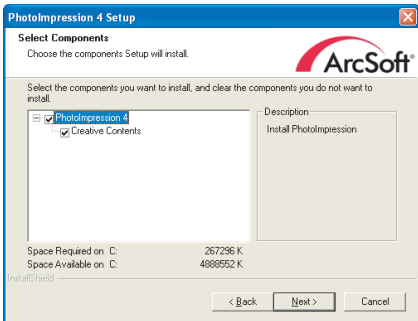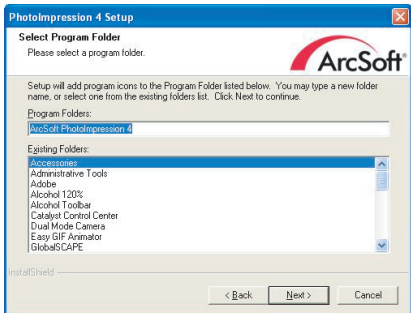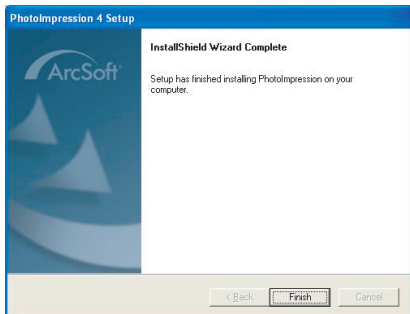
By default, this program will be saved within C:\Programs Files\Arcsoft\PhotoImpression4. Click on the Next button to proceed.

Continue to click on the Next button.

Once the installation is completed, click on FINISH.

Chapter 5: Specifications:

*3 in 1 mode:

Digital Still Camera mode: image Capture

PC Camera mode: video Capturing / Conferencing

Camcorder mode: Video clips

*Sensor: CMOS sensor, 3 Mega pixel

*Lens: F=3.0 f=8.35

*Focus Range: 1.5M to infinity

*Illumination: 100-16000(lux)

*Shutter Speed: Electronic shutter 1/20-1/6000 s

*Image Resolution:

Super (2304X1728)/High (2048X1536)/ Medium (1600X1200)/Low (1280X1024) for image Capture

VGA (640X480)/QVGA (320X240) for PC camera mode

QVGA (320X240)/QCIF(192X144) for Video Recording mode

*Memory: Internal 16MB Flash

External SD and MMC card compatible

*Self Timer: 10 secs *ZOOM:8X Digital Zoom

*Color LCD screen: 1.5 inch TFT Display

*Flash mode: On/Auto/Off

*Battery: 3 AAA (alkaline/1.5V)

*Interface: USB 1.1

Minimum System Requirements

CPU: Pentium III 800MHz and higher

OS: Windows 98SE/2000/ME/XP

Memory: 128MB and higher

Disk Space: At least 250MB space free CD-ROM Drive

Troubleshooting

Camera will not turn on

Battery is not properly installed- remove and reinstall the batteries.

Insufficient battery voltage- Do not use old batteries or batteries with mixed battery life

Flash will not fire
Flash set to OFF -Set the flash to Auto or On.
Flash has not been fully charged The flash takes
a few seconds to charge up while the Operation
LED is blinking. Flash light is fully charged
when the Operation LED turns off.

Battery level is low - When the battery indicator
does not show a fully charged battery, the
voltage is too low for the flash to work. Please
change batteries.

Image is blurred / out of focus
Subject is out of focal range. Ensure that there
is at least 1.5m (5ft) between the camera lens
and subject. Camera moved during the shot-
Hold the camera steady while taking the picture.
When flash is on, hold the camera steady until
flash has fired twice(The first flash is to reduce
red-eye and to detect the brightness of the
target.)

Computer does not recognize camera for
Windows 98SE, The camera driver has to be
installed before picture download. In picture
preview mode, ensure that USB mode is set to
MSDC before connecting the camera to the
computer. For Windows 2000/ ME /XP, the
camera is recognized as a plug -&-playable,
removable flash disk without driver installation
under MSDC mode. It is recommended that you
disconnect your digital camera from your
computer after use.

Subject in recorded image is too dark
Insufficient light for shooting Set the flash On, or adjust the exposure compensation to a positive (+) setting.

Flickering on lcd screen or recorded image
Incorrect frequency setting Check the correct anti-flicker frequency (50Hz or 60Hz) under fluorescent light setting.

Picture download problem
Flash disk does not display images recorded. The camera will load two removable flash drives on your computer under MSDC mode. The first drive is the external SD or MMC cartridge and the second drive is the recorded images saved in the built-in memory of the camera. In cases when the removable flash drive names coincide with those already assigned by the computer in the network, you need to reassign the name for the removable flash disks:
Right click <My Computer> Manage Disk Management. Right click blue bar of removable disk which is on line Change Drive Letter & Paths Change Assign the Following Drive Letter (assign an unused drive name) OK Open the new renamed removable flash drive to download recorded pictures