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## 1 Introduction

This instruction manual is for users of the TRUST 735S POWERCAM ZOOM.

The TRUST 735S POWERCAM ZOOM can be used to take photographs, to record live video images or as a webcam for videoconferencing on the Internet.

The camera can take photographs in three different resolutions, namely 1280 x 960 (1.3 Mpixel), 1600 x 1200 (2.0 Mpixel) and 2048 x 1536 (3 Mpixel). The Trust Camera Manager can be used to download photographs which have been taken in the 3 Mpixel resolution with a resolution of 4 Mpixel (see chapter 9.2).

The photographs can be edited using the applications provided with the camera.

An extra application has been included specially for the Trust camera which allows you to place your photographs on the Trust photograph website ([www.trustphotosite.com](http://www.trustphotosite.com)) (see chapter 10).

### 1.1 General comments regarding photography

#### Test photograph

Before you start photographing a unique event, it is a good idea to first take a number of test photographs. This will help to ensure that the camera works as required.

#### No compensation for unsuccessful photographs

No compensation may be claimed for unsuccessful photographs as a result of a faulty camera, faulty software, etc.

#### Exchanging photographs and video clips

No guarantees are given that photographs and video clips produced with this camera can be displayed on other devices or that photographs and video clips produced with other devices can be displayed in this camera.

**Sunlight**

Do not aim the camera directly at the sun for a long period of time. This may damage the sensor.

**Shaking/knocks**

Do not shake the camera or knock it against anything. This may cause a fault, unsuccessful photographs, memory incompatibility or the loss of photographs from the memory.

**LCD screen**

There may sometimes be small black or clear dots visible on the LCD screen. This is normal and does not affect the photographs. There is no reason to exchange the camera if there are 10 dots or less.

Exposing the LCD screen to direct sunlight for a long period of time may cause faults.

**Lens**

Keep the glass of the lens clean. Use a cotton bud to clean the lens. If necessary, use special cleaning liquid for camera lenses. Do not use a different cleaning product.

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## 2 Safety

Carefully read the following instructions before use.

- The TRUST 735S LCD POWERCAM ZOOM does not require any special maintenance. Use a slightly damp, soft cloth to clean the camera.
- Do not use aggressive substances, such as white spirit, to clean the device. These may harm the material.
- Do not submerge the device in liquid. This may be dangerous and will damage the device. Do not use the device near water.
- Do not repair this device yourself.

### 2.1 Batteries

- The Duracell Ultra batteries supplied with the device are not rechargeable. Do not try to recharge them, because this may cause them to explode.
- Never throw the batteries onto an open fire. The batteries may explode.
- Never drill holes into the batteries.
- Keep the batteries out of the reach of small children.
- Only use AAA alkaline batteries with this device.
- You can also use rechargeable AAA NiMH batteries (minimum 600 mAh).
- When the alkaline batteries (including Duracell Ultra batteries) are empty, ask your local authority where you can dispose of them.

**Note:** Standard AAA NiCd batteries are unsuitable for use with this device.

**Note:** Do not use old and new batteries at the same time, because the old batteries may deplete the new ones.

**Note:** The batteries should be removed if the camera is not going to be used for some time. This will save the battery capacity.

## 3 Approval



This device meets the essential requirements and other relevant conditions of the applicable European directives. The Declaration of Conformity (DoC) is available at [www.trust.com/13675/ce](http://www.trust.com/13675/ce).

## 4 Description of the camera

Tables 1 to 4 and figure 1 can be used to quickly become acquainted with the camera.






Item	Description	Function
1	Power button	Turns the camera on and off (see chapter 6.1).
2	Lens cover	Protects the lens when the camera is not in use (see chapter 6.1).
3	Shutter / Quick Exit Button	Press this button to take a photograph (see chapter 6.2).
		Press the button to start recording a video clip. Press this button again to stop recording a video clip (see chapter 6.3).
		Press this button to exit the menu (see chapter 5.5).
4	Mode switch	Use this switch to place the camera in the following modes:  Camera (video) mode  Photo mode  Playback mode
5	Microphone	Records sound whilst recording video clips.
6	Flash	Use the built-in flash to give the subject extra lighting if it is in dark surroundings or for extra lighting when there is backlighting (see chapter 6.2.4).
7	USB plug	Connection for connecting the camera to the USB port of a computer.
8	Focus switch	Switch for selecting the macro or micro mode (see chapter 6.2.1).
		 Macro mode: 30 – 60 cm.  Micro mode: 60 cm to infinity.
9	Lens	Records the image to be taken.
10	Self-Timer LED indicator	Flashes when the automatic exposure function is used (see chapter 6.2.5). See table 5 for a status summary.

Table 1: Functions on the front of the camera

Item	Description	Function
11	LCD screen	With this screen, you can: <ul style="list-style-type: none"> <li>• View a subject</li> <li>• View photographs and video clips already taken.</li> <li>• Configure the menu functions.</li> </ul>
12	Control button up / zoom in	<ul style="list-style-type: none"> <li>• Button to scroll up/back through the menu.</li> <li>• Scrolls through photographs and video clips.</li> <li>• Zooms in on the subject.</li> </ul>
13	Control button down / zoom out	<ul style="list-style-type: none"> <li>• Button to scroll down/back through the menu.</li> <li>• Scrolls through photographs and video clips.</li> <li>• Zooms out on the subject.</li> </ul>
14	Menu/OK button	<ul style="list-style-type: none"> <li>• Opens the menu. There is a separate menu for each mode (Photo, Video and Playback).</li> <li>• Confirms the chosen option.</li> </ul>
15	LED indicator	Indicator for displaying the camera status (see table 6).
16	Strap holder	For connecting the wrist strap (see chapter 5.3).
17	Battery / SD/MMC card cover	Cover for the batteries (see chapter 5.1) and the memory card (see chapter 5.2).


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Table 2: Functions at the rear of the camera

Item	Description	Function
18	Tripod port	The stand supplied or a different stand can be screwed in here (see chapter 5.4).

Table 3: The bottom of the camera

Item	Description	Function
19	SD/MMC Card slot	Slot for a memory card (see chapter 5.2).
20	Battery holder	Compartment for the batteries (see chapter 5.1).

Table 4: Right-hand side of the camera

#### 4.1 Status of the indicators

LED	Colour, status	Description
Automatic exposure indicator (10, figure 1)	Red, flashing.	Counting down.
	Red, flashing quickly.	Taking a photograph.

Table 5: Automatic exposure indicator

Action	Indicator status	Duration	Description
Turning the camera on	Flashes red	~ 4 sec.	Camera is getting ready for use.
	Lit green.		The camera is ready for use.
Taking a photograph.	Flashes red	~ 6 sec.	The picture is being saved in the memory.
	Lit green.		The camera is ready for use.
Taking a photograph using the flash	Flashes red	~ 12 sec.	The camera is saving the photograph in the memory and the flash is being recharged.
	Lit green.		The camera is ready for use.
Taking a photograph using the automatic exposure	Lit green.	~ 4 sec.	Counting down before taking the photograph.
	Flashes red		The camera is saving the photograph in the memory.
	Lit green.		The camera is ready to take the next photograph.

Table 6: Indicator

## 5 Preparing the camera for use

### 5.1 Inserting/removing the batteries



Follow the instructions given below to insert or remove the batteries (see figure 4).

1. Open the battery compartment (1, figure 4) on the side of the camera by sliding the cover slightly downwards and then flipping it open.
2. Insert the new or full batteries as indicated on the battery flap or the battery holder (2, figure 4).
3. Close the battery compartment again by pushing it closed and sliding it into place (3, figure 4).

Your camera is now ready for use.

When the camera is turned on, the battery indicator will be displayed in the bottom right-hand corner of the LCD screen.

**Note:** *If the camera is turned on in the Playback mode, "No image" will flash on the LCD screen. Set the camera to a different mode.*

**Note:** *Inserting the batteries incorrectly may cause damage to the camera. The warranty will then no longer be valid.*

**Note:** *NiCd batteries are unsuitable for use with this device. It is recommended to use NiMH batteries.*

**Note:** *It is recommended to use NiMH (minimum 600 mAh) with this camera.*

**Note:** *The batteries will **not** be recharged when the camera is connected to a USB port on your computer.*

#### 5.1.1 Battery status on the LCD screen




Symbol	Status
	Batteries full.
	Batteries half empty.
 Flashing red	Batteries empty. Replace the batteries to continue using the camera.

Table 7: Battery status on the LCD screen

#### 5.1.2 Lifespan of the batteries

The lifespan of the batteries is approximately:

Duracell Ultra: 650 photographs without using the flash, 45 minutes.

NiMH 600 mA: 110 photographs using the flash.

### 5.2 Inserting/removing a memory card

The Trust 735S PowerC@m Zoom has a 16 MB internal memory. The photographs and video clips are saved in the internal memory. This memory can be extended with an SD (Secure Digital) or an MMC (Multi Media Card) memory card. The

photographs and video clips are saved on a memory card when one has been inserted into the camera. Memory cards can be purchased from, for example, a photography shop.

### 5.2.1 Inserting a memory card

Follow the instructions given below to insert a memory card.

1. Open the battery compartment (17, figure 1) on the side of the camera by sliding the cover slightly downwards and then flipping it open.
2. Place the memory card into the camera as indicated on the battery compartment (see figure 5). Press the memory card into the slot until it can go no further.

**Note:** *The memory card can only be inserted into the camera in one way. Do not force the card into the slot. This could damage both the memory card and the camera.*

3. Close the battery compartment again by pushing it closed and sliding it into place

The external memory card must first be formatted for optimal use (see chapter 6.4.3). Once the memory card has been inserted correctly, the storage indicator (item 3, table 13) will appear on the LCD screen.

### 5.2.2 Removing a memory card

**Note:** *Never remove a memory card whilst the camera is still processing data (indicator flashes red (15, figure 1)). This may result in the loss of data or damage.*

Follow the instructions given below to remove a memory card.

1. Open the battery compartment (17, figure 1) on the side of the camera by sliding the cover slightly downwards and then flipping it open.
2. Remove the memory card by pushing it so that the lock is released. Remove the memory card from the camera (see figure 6).
3. Close the battery compartment again by pushing it closed and sliding it into place

The storage symbol will disappear from the LCD screen.

### 5.2.3 Storage capacity

The table below gives an indication of how many photographs or the length of video clips which can be saved on a memory card.

**Note:** *The number of photographs or the length of the video clips can vary. This depends on the colour saturation of the photographs or video clips.*

Memory	Photograph			Video Minutes
	2048 x 1536	1600 x 1200	1280 x 960	
Internal memory (16 MB)	20	30	45	2
SD/MMC 32 MB	40	60	96	4
SD/MMC 64 MB	80	120	192	8
SD/MMC 128 MB	160	240	384	16
SD/MMC 256 MB	320	480	768	32
SD/MMC 512 MB	640	960	1536	64

**Table 8: Number of photographs or length of video clips on a memory card**



### 5.3 Attaching the wrist strap

You can attach the wrist strap to the camera for optimal ease of use and safety.

1. Insert the thin end of the wrist strap through the eye (16, figure 1).
2. Make a loop from the part of the wrist strap which has been inserted through the eye.
3. Thread the other end of the wrist strap through the loop.



### 5.4 Stand

You can use the stand to hold the camera still when, for example, using the automatic exposure button to take a detailed photograph. You can also use the stand when you use the camera as a webcam for videoconferencing.

1. Screw the stand into place on the bottom of the camera (see figure 7).
2. Unfold the feet, unlock the stand using the handle and place the camera in the desired position.
3. Lock the stand by placing the handle back in the starting position.

### 5.5 Structure of the menu

Use the tables below and figure 2 to familiarize yourself with the camera's menu. You can use the menu to configure the camera as desired. The menu for each mode (Photo, Camera and Playback) can be configured separately.

Carry out the following to open the menu:

1. Turn the camera (see chapter 6.1). Select the desired mode (Camera, Photo, Playback) (4, figure 1 and table 1).
3. Press the MENU/OK button (14, figure 1 and table 2) to open the menu.
4. Use the UP (12, figure 1 and table 2) and DOWN buttons (13, figure 1 and table 2) to scroll through the menu.
5. Press the MENU/OK button to select an item.
6. You can close the menu by selecting 'Exit' or by pressing the EXPOSURE button (1, figure 1 and table 1).

**Note:** Default settings are shown in **bold**.

#### 5.5.1 Photo mode

Item	Function	Options	Description	Chap
1	Resolution (size)	2048 x 1536	3.0 Mega Pixel resolution.	6.2.3
		<b>1600 x 1200</b>	<b>2.0 Mega Pixel resolution.</b>	
		1280 x 960	1.3 Mega Pixel resolution.	
2	Flash (strobe)	Auto	Automatic mode.	6.2.4
		<b>Off</b>	<b>Flash is turned off.</b>	
3	Automatic exposure	On	Automatic exposure turned on or off.	6.2.5
		<b>Off</b>		
4	Exposure	<b>Auto</b>	<b>Automatic setting.</b>	6.2.6
		Backlight	Setting for backlight.	

Item	Function	Options	Description	Chap
5	White balance	<b>Auto</b>	<b>Automatic white balance setting.</b>	6.2.7
		Sunny	Photographs outside in the sun.	
		Cloudy	Photographs in cloudy weather.	
		Fluorescent	Photographs in fluorescent lighting.	
		Tungsten	Photographs in incandescent lighting.	
6	Effect	<b>Normal</b>	<b>Photographs without alterations.</b>	6.2.8
		B/W	Black-and-white photographs.	
		Classic	Photographs with a classic (sepia) appearance.	
		Solarize	Photograph looks like an illustration.	
7	Settings		Alters the settings.	5.5.4
8	Exit		Exits the menu.	

Table 9: Menu functions for the Photo mode

## 5.5.2 Camera mode

Item	Function	Options	Description	Chap
1	Effect	<b>Normal</b>	<b>Record video clips in the normal colour.</b>	6.3.1
		B/W	Record video clips in black-and-white.	
2	Settings		Alters the settings.	5.5.4
3	Exit		Exits the menu.	

Table 10: Menu functions for the Camera mode

## 5.5.3 Playback mode

Item	Function	Options	Description	Chap
1	Delete One	Yes	Deletes the selected photograph from the memory.	6.4.1
		No	Cancels the deletion.	
2	Delete All	Yes	Deletes all the photographs from the memory.	6.4.2
		No	Cancels the deletion.	
3	Format	Yes	Formats the memory.	6.4.3
		No	Cancels the formatting.	

Item	Function	Options	Description	Chap
4	Settings		Alters the settings.	5.5.4
5	Exit		Exits the menu.	

Table 11: Menu functions for the Playback mode

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#### 5.5.4 Settings

Select 'Setting' from the menu and press the MENU/OK button. You can change the settings in this menu.

Item	Function	Options	Description
1	Date and time ( <sup>1,2,3</sup> )	Year	Sets the date and time.
		Month	
		Day	
		Hour	
		Minute	
2	Sound ( <sup>1,2,3</sup> )	On	Sets the sound for each function.
		Off	
3	LCD Display ( <sup>1,2,3</sup> )	On	Displays the icons on the LCD screen.
		Off	
4	Date Stamp ( <sup>1</sup> )	On	Places the date on a photograph.
		Off	
5	Frequency ( <sup>1,2,3</sup> )	50 Hz	Selects the frequency of the electrical mains.
		60 Hz	
6	Language ( <sup>1,2,3</sup> )	English*	Sets the language for the LCD screen.
		Deutsch	
7	Default	Yes	Returns to the default settings.
		No	
8	Exit		Exits the menu.

Table 12: Options in the 'Settings' menu

(<sup>1</sup>): Option only available in the Photo mode.

(<sup>1,2,3</sup>): Option available in the Photo, Camera and Playback modes.

#### 5.6 LCD screen

See the chapters below for a description of the symbols displayed on the LCD screen (see figure 3).

**5.6.1 Photo mode**

These symbols are displayed on the LCD screen when taking a photograph (see chapter 6.2).







Item	Symbol	Description	Chap
1	20	Number of photographs taken.	
2		Battery condition.	5.1.1
3		Storage indicator. The photographs will be saved in the internal memory if the symbol is not visible.	5.2
4		Flash status.	6.2.4
5		Resolution.	6.2.3
6		Macro/micro mode.	6.2.1
7		Photo mode.	
8	1.0X	Zoom factor.	

Table 13: Symbols displayed on the LCD screen in the Photo mode

**5.6.2 Camera mode**

These symbols are displayed on the LCD screen when recording a video clip (see chapter 6.3).





Item	Symbol	Description	Chap
1	20	Number of video clips taken.	
2		Battery condition.	5.1.1
3		Storage indicator. The video clips will be saved in the internal memory if the symbol is not visible.	5.2
6		Macro/micro mode.	6.2.1
7		Camera mode.	

Table 14: Symbols displayed on the LCD screen in the Camera mode

### 5.6.3 Playback mode

These symbols are displayed on the LCD screen when viewing photographs and video clips (see chapter 6.4).





Item	Symbol	Description	Chap
1	1/	Number of the photograph or video clip.	
2	/20	Total number of photographs and video clips.	
3		Battery condition.	5.1.1
4		Storage indicator. The photographs or video clips will be saved in the internal memory if the symbol is not visible.	5.2
5		Playback mode.	
6		Recording status (photograph or video clip).	

Table 15: Symbols displayed on the LCD screen in the Playback mode



## 6 Using the camera

### 6.1 Turning the camera on and off

The camera can be turned on and off in two different ways.

- By opening/closing the lens' protective cover (2, figure 1).
- By pressing the Power button (1, figure 1).

**Note:** The LCD screen is turned off if the camera is not used for 60 seconds. The LCD screen is turned back on by pressing any button.

**Note:** The camera turns itself off to save the batteries if it is not used for 3 minutes.

### 6.2 Taking photographs

Follow the instructions given below to take a photograph using the camera.

- Turn the camera on (see chapter 6.1).
- Set the camera to the Photo mode (4, figure 1).
- Use the LCD screen to search for the object you wish to photograph.
- Press the exposure button (3, figure 1) to take a photograph. The indicator (15, figure 1) will flash red. You can take another photograph once the indicator goes green.

The following chapters explain the extra options which make it possible to get more from your camera.

**Note:** A digital still camera requires time to focus correctly. It can, therefore, take some time before the photograph is saved in the memory. Take this into account when taking action photographs or when photographing moving objects.

See [www.trustphotosite.com](http://www.trustphotosite.com) for more information about taking photographs. Click on 'Tutorial'.

### 6.2.1 Adjusting the focus

Depending on the distance to the object to be photographed, use the macro switch (8, figure 1) to adjust the distance.

- Macro mode: use this setting when the object is at a distance of between 30 cm and 60 cm.
- Micro mode: use this setting when the object is at a distance greater than 60 cm.

The wrong setting may produce photographs which are out of focus.

### 6.2.2 Zoom in and out

The camera has a 4x digital zoom function. The digital zoom increases the size of the image by digitally processing it.

- Zoom in: Press the zoom in button (12, figure 1).
- Zoom out: Press the zoom out button (13, figure 1).

The zoom factor is displayed in the top left-hand corner of the LCD screen.

### 6.2.3 Resolution

Photographs can be saved in the memory in three different resolutions. The resolution is set using the menu (see chapter 5.5.1). The Camera Manager program can be used to increase the resolution to 4 Mpixels (see chapter 9.2).

1. Open the menu as described in chapter 5.5.
2. Select option 1, 'Size'.
3. Press the MENU/OK button.
4. Select the desired resolution using the control buttons (12 and 13, figure 1).
5. Confirm the resolution using the MENU/OK button.

#### ***When must I use a certain resolution?***

Low resolutions are recommended for photographs which are to be used on the Internet.

High resolutions are recommended for photographs which are to be printed or edited.

#### ***Image ratio:***

Image ratio: 5:3 → resolution 1280 x 960

Image ratio: 3:2 → resolution: 1600 x 1200 and 2048 x 1536

**Note:** *The lower the resolution, the more photographs can be saved in the memory.*

### 6.2.4 Using the flash

The camera's flash can be turned off or set to automatic. In the automatic setting, the flash is only used when there is insufficient light. The effective distance of the flash is 1.5 metres.

The flash can be set using the menu (item 2) (see chapter 5.5.1).

### 6.2.5 Automatic exposure

You can use the automatic exposure function when you wish to take a photograph of yourself or when you wish to photograph an object where the camera must be as still as possible, for example on the stand.

The automatic exposure function is selected using the menu (item 3) (see chapter 5.5.1).

A photograph will be taken 10 seconds after the exposure button is pressed when this function has been selected. The indicator for the automatic exposure function (10, figure 1) on the front of the camera will flash slowly. The photograph is taken when the indicator flashes quickly. The counter is displayed on the LCD screen.

**Note:** *If you wish to use the automatic exposure function again, it must be selected again after the photograph has been taken.*



### 6.2.6 Exposure

The exposure setting can be set to 'Automatic' or 'Backlight'.

- **Auto:** select this option when you are not sure of the light source or when the object is in the light.
- **Back light:** select this option when you have backlighting when photographing the object.

The exposure is selected using the menu (item 4) (see chapter 5.5.1).

### 6.2.7 White balance

Under normal circumstances, the white balance is set automatically. You can select the white balance manually for conditions which do not change or for certain lighting conditions.

- **Auto:** automatic setting (indoor and outdoor photography).
- **Sunny:** setting for sunny, outdoor conditions (outdoor photography).
- **Cloudy:** setting for cloudy, outdoor conditions (outdoor photography).
- **Fluorescent:** setting for fluorescent lighting (indoor photography).
- **Tungsten:** setting for incandescent lighting (indoor photography).

The white balance is selected using the menu (item 5) (see chapter 5.5.1).

**Tip:** *A photograph is sensitive to the light conditions. In sunlight, the photograph appears blue and under fluorescent lighting, the photograph appears green. The human eye can solve these problems. However, this camera cannot solve this problem without making alterations. Under normal conditions, the white balance is adjusted automatically by the camera. But if there are strange colours, it is recommended to alter the white balance manually.*

### 6.2.8 Effect

Photographs can be digitally edited to give them a special effect.

- **Normal:** no effect is added.
- **B&W:** The photograph is monochrome (black-and-white).
- **Classic:** The photograph is sepia (like an old photograph).
- **Solarize:** The contrast is clear and the photograph looks like an illustration.

The effects are selected using the menu (item 6) (see chapter 5.5.1).

## 6.3 Recording video clips

Short video clips can be recorded using the Trust 735S PowerC@m Zoom. The maximum resolution is 320 x 240 pixels. The video clips are saved in the memory in the AVI format.

Follow the instructions given below to record video clips using the camera.

1. Turn the camera on (see chapter 6.1).
2. Set the camera to the Camera mode (4, figure 1).
3. Press the exposure button to start the recording. The video images that are being recorded will be displayed on the LCD screen. The camera will also record the sound. The indicator on the camera will flash red.
4. Press the exposure button again to stop recording.

The focus must be set correctly when recording a video clip of an object at a distance of between 30 and 60 cm. See chapter 6.2.1 for instructions on how to focus the camera correctly.

**Note:** *The sound is not recorded in CD quality. You can compare the sound quality to a telephone conversation.*

#### 6.3.1 Effect

Video clips can be digitally edited to give them a special effect.

- **Normal:** no effect is added.
  - **B&W:** The photograph is monochrome (black-and-white).
- The effects are selected using the menu (item 1) (see chapter 5.5.2).

## 6.4 Viewing photographs and video clips

Once you have taken some photographs or recorded video clips, you can view them on the LCD screen. Follow the instructions given below.

1. Turn the camera on (see chapter 6.1).
2. Set the camera to the Playback mode (4, figure 1). The last photograph or video clip will be displayed on the LCD screen.
3. Use the control buttons (12 and 13, figure 1) to view the next/previous photograph or video clip on the LCD screen. If a video clip is displayed, it will play immediately.

**Note:** *Sound is not produced when a video clip is played on the camera. Sound is produced when the video clip is played on a computer.*

#### 6.4.1 Deleting one photograph or video clip

See the instructions given below to delete one photograph or video clip.

1. Turn the camera on (see chapter 6.1).
2. Set the camera to the Playback mode (4, figure 1). The last photograph or video clip will be displayed on the LCD screen.
3. Use the control buttons (12 and 13, figure 1) to scroll to the photograph or video clip you wish to delete.
4. Press the MENU/OK button (14, figure 1).
5. Select 'Delete One' from the menu and press the MENU button.
6. Select 'Yes' and press the MENU button to delete the photograph or video clip. Select 'No' and press the MENU button if you do not wish to delete the selected photograph or video clip.
7. Close the menu by pressing the exposure button.



#### 6.4.2 Deleting all the photographs and video clips

Follow the instructions given below if you wish to delete all the photographs and video clips from the memory.

1. Turn the camera on (see chapter 6.1).
2. Set the camera to the Playback mode (4, figure 1).
3. Press the MENU/OK button (14, figure 1).
4. Select 'Delete All' from the menu and press the MENU button.
5. Select 'Yes' and press the MENU button to delete all the photographs and video clips.  
Select 'No' and press the MENU button if you do not wish to delete all the photographs and video clips.
6. Close the menu by pressing the exposure button.



#### 6.4.3 Formatting the memory

All the data which is saved in the memory will be deleted when the memory is formatted. Therefore, check the contents of the memory before formatting it.

Follow the instructions given below if you wish to format the memory.

1. Turn the camera on (see chapter 6.1).
2. Set the camera to the Playback mode (4, figure 1).
3. Press the MENU/OK button (14, figure 1).
4. Select 'Format' from the menu and press the MENU button.
5. Select 'Yes' and press the MENU button to format the memory.  
Select 'No' and press the MENU button if you do not wish to format the memory.
6. Close the menu by pressing the exposure button.

**Short instructions for IBM compatible computers**

	Chapter	
1. Uninstalling old drivers and devices	(7.1)	!
2. Installing the software	(7.2)	
3. Connecting the camera to the computer	(7.3)	
4. Checking after the installation	(8)	
5. Downloading and editing photographs	(9 and further)	

## 7 Installation

### 7.1 Uninstalling old drivers and devices

The most common cause of faults during installation is the presence of a driver for a similar, old device. The best solution is to first remove all drivers related to old devices before installing the new driver. Make sure you only delete programs for old, unused (similar) devices.

1. Enter the Windows 'Safe Mode' (press F8 when starting Windows and then select 'Safe Mode' from the menu which is displayed).
2. Click on 'Start – Settings – Control Panel' and double-click on the 'Add/Remove Programs' icon.
3. Find all the programs for similar, old devices and remove these by clicking on the 'Add/Remove' button. When in the 'Safe Mode', it is possible for some programs to appear twice. In that case, remove all the programs which appear twice.
4. Restart the computer.

### 7.2 Installing the software

A number of different applications are supplied with the camera. These applications do not have to be installed to use the camera. However, it is recommended to install these programs in order to use all the extra options available with the camera.

**Note:** *Windows XP and Windows 2000 users: The instructions given below can only be carried out if you are logged on as 'Administrator'.*

**Note:** *Make sure all other applications are closed during the installation.*

**Note:** *The latest driver can be downloaded from [www.trust.com/13675](http://www.trust.com/13675). Check whether a new driver is available and use this for the installation.*

**Note:** *Make sure all other programs are closed during the installation.*

**Note:** *During installation in Windows XP, you may receive a message saying that the driver has not been signed. This does not cause a problem for the functionality. Continue with the installation.*

**Note:** *In the example, 'D:\' is used to indicate the CD-ROM drive. This may be different for your computer.*

#### 7.2.1 Trust Software Installer

1. Insert the CD-ROM into your computer's CD-ROM drive. The installation program will start automatically. If it does not start automatically, carry out the following:
  - a) Select 'Run' from the Windows Start menu.

- b) Type [D:\SETUP.EXE] and click on 'OK' to start the Trust Software Installer.
2. The Trust Software Installer will appear (see figure 8).
3. Select the language you wish to use for the installation. The language selected only relates to the Trust Software Installer, not the software which is to be installed.
4. Select '**Install Driver**' to install the driver (see chapter 7.2.2).  
Select '**Open SOFTWARE menu**' for a menu of the software which can be installed.  
Select '**Open MANUAL menu**' for a menu of the electronic instruction manual for this device and the electronic instruction manuals for the software (if available).



### 7.2.2 Driver (Trust Camera Manager)

The Trust Camera Manager is the main program to use to view the recordings made using the camera and to save them on your computer. The camera can also be used as a PC Camera (webcam). You can then save photographs and video clips via your computer.

The software allows photographs which have been taken in a resolution of 3 Mega Pixels (2048 x 1536) to be saved on your computer in a resolution of 4 Mega Pixels (2340 x 1755).

Follow the instructions given below to install the program.

1. Click on 'Install Driver (Trust Camera Manager)' in the Trust Software Installer to install the driver for the camera.
2. Select the language you wish to use.
3. Follow the on-screen instructions to complete the installation.

Once the installation has been completed, you can start the program as follows: 'Start – Programs – Trust – Trust 735S PowerC@m Zoom – Trust 735S PowerC@m Zoom' (see chapter 9.2 for more information).

### 7.2.3 Trust Photo Upload

This software can be used to upload your photographs to the Trust Photo Site. See chapter 10 for more information.

**Note:** *The latest version of the Trust Photo Upload software can always be downloaded from the Trust website.*

1. Start the Trust Software Installer (see chapter 7.2.1).
2. Select 'Install Trust Photo Upload'.
3. Follow the on-screen instructions to complete the installation.

### 7.2.4 Ulead Photo Express 4.0 SE

Photo Express 4.0 is an application that can be used to load and edit the photographs on your PC which you have taken using your camera. This program requires 400 MB free hard disk space.

Follow the instructions given below to install the program.

1. Start the Trust Software Installer (see chapter 7.2.1).
2. Select 'Open SOFTWARE menu'.
3. Select 'Install Photo Express 4'.
4. Select the language you wish to use.
5. Follow the on-screen instructions.

**Note:** *During the installation, you will be requested to enter some user information. Also enter a company name. The installation will not continue if a company name is not entered.*

### **7.2.5 Photo Explorer 7.0 SE Basic**

Ulead Photo Explorer 7.0 SE Basic is a program which you can use to organize your photographs.

Simple processes can be carried out, such as rotating, printing and viewing the photographs. Photo Explorer 7.0 SE Basic is useful if you wish to download photographs and save them on your computer.

Follow the instructions given below to install the program.

1. Start the Trust Software Installer (see chapter 7.2.1).
2. Select 'Open SOFTWARE menu'.
3. Select 'Install Photo Explorer'.
4. Select the language you wish to use.
5. Follow the on-screen instructions.
6. Click on 'Finish' to complete the installation.

### **7.2.6 COOL 360**

COOL 360 is an image editing program that can be used to change the photographs you have taken using your camera into panoramic photographs.

Follow the instructions given below to install the program.

1. Start the Trust Software Installer (see chapter 7.2.1).
2. Select 'Open SOFTWARE menu'.
3. Select 'Install Cool 360'.
4. Follow the on-screen instructions.
5. Click on 'Finish' to complete the installation.

### **7.2.7 VideoLive Mail**

You can use VideoLive Mail to send e-mails which contain audio and video. The recipient does not require any special software to view or listen to these e-mails.

In order to use the application successfully, you need to have an Internet connection, a sound card with speakers and a microphone.

Follow the instructions given below to install the program.

1. Start the Trust Software Installer (see chapter 7.2.1).
2. Select 'Open SOFTWARE menu'.
3. Select 'Install Video Live Mail'.
4. Follow the on-screen instructions.  
You will need the serial number to complete the installation. This is printed on the CD-ROM or the CD envelope.
5. Click on 'Finish' to complete the installation.

## **7.3 Connecting the camera to the computer**

**Note:** *Batteries do not have to be inserted into the camera when it is connected to a computer.*

**7.3.1 Mass Storage Device**

1. Make sure the computer is turned on and Windows is running.
2. Set the camera to the Photo or Playback mode.
3. Connect the USB cable to the camera.
4. Connect the other end of the cable to your computer's USB port. The camera will turn itself on and "Disk Mode" will be displayed on the LCD screen for a couple of seconds.
5. Windows will detect new hardware and will install the driver. You may require the Windows CD-ROM which you used to install Windows. Follow the on-screen instructions to complete the installation.



**7.3.2 Camera driver**

1. Set the camera to the Camera mode.
2. Windows will detect the webcam and install the driver.
3. Follow the on-screen instructions. You may require your original Windows CD-ROM during the installation.
4. The camera has been installed correctly once all the windows are closed.



## 8 Checking after the installation

After installing the device and the programs, the following are installed on your computer and can be checked.

### Taskbar

- The icon shown in figure 9 should be visible in the right-hand corner of your taskbar.

### ***In Photo or Playback mode***

'Start – Settings – Control Panel'. Double-click on the 'System' icon and select the 'Device Manager' tab.

- Disk Drives – Trust 735S POWERC@M USB Device
- Storage Volumes – Generic volume
- Universal Serial Bus controllers – USB Mass Storage Device

### ***In 'Camera' mode***

'Start – Settings – Control Panel'. Double-click on the 'System' icon and select the 'Device Manager' tab.

- Imaging devices – Trust 735S PowerC@m Zoom, WDM DSC Bulk driver
- Imaging devices – Trust 735S PowerC@m Zoom, WDM Video Capture
- Sound, Video, and game controllers – USB Audio Device
- Universal Serial Bus Controllers – Trust 735S PowerC@m Zoom USB camera

'Start – Settings – Control Panel' and then double-click on the 'Add/Remove Programs' icon.

- Trust 735S POWERC@M ZOOM
- Trust Photo Upload
- Ulead Cool 360 1.0
- Ulead Photo Explorer 7.0 SE Basic
- Ulead Photo Express 4.0 SE
- VideoLive Mail

Start - Programs - Trust - ...

- Trust 735S PowerC@m Zoom – Trust 735S PowerC@m Zoom (Camera Manager)
- Trust 735S PowerC@m Zoom – Uninstall Trust 735S PowerC@m Zoom (uninstall Camera Manager software)

**Note:** *The information given above will vary when the installation has been altered by the user (for example, not everything has been installed or locations other than the default locations have been selected).*

**Note:** *Deviations may also occur as a result of using new drivers available on the Internet.*

**Note:** *The location or name may vary in the Control Panel for different operating systems.*

## 9 Downloading images from the camera

There are two different ways to download photographs from the camera onto your computer.

The first method is via Windows Explorer (see chapter 9.1). The second method is via the Trust Camera Manager (see chapter 9.2).

A black square containing the white letters 'U' and 'K' stacked vertically.

### 9.1 Downloading and saving photographs using Windows Explorer

The TRUST 735S PowerCAM Zoom is visible in Windows as an extra removable storage device when set to the Photo or Playback mode. Its use is as easy as moving or copying a file.

In contrast to other cameras, this camera, therefore, **does not** require a separate (TWAIN) driver. Download photographs using 'File – Open' or by copying them to your hard disk, for example, to the C:\My Pictures folder.

1. Take some photographs as described in chapter 6.
2. Make sure the camera has been installed on the computer. See chapter 7.3 for instructions on how to install the camera.
3. Connect the camera to your computer's USB port using the USB cable provided.

**Note:** *The camera must be in the Photo or the Playback mode.*

4. Wait a couple of seconds. The computer will recognize the camera and "Disk Mode" will be displayed on the LCD screen for a couple of seconds.

#### 9.1.1 Windows 98, Windows 98SE, Windows ME and Windows 2000

1. Open 'My Computer'.
2. Search for 'Removable Disk' and open it. A folder entitled 'DCIM' will be visible. If not, find a different 'Removable Disk' and open it.
3. Double-click on the 'DCIM' folder. A folder entitled '100media' will be visible. If you have taken a large number of recordings, these will be saved in different folders, such as 100media, 101media, 102media, etc.
4. Double-click on the '100media' folder. The files will now be visible.
5. Copy all the files to a suitable location on your hard disk (for example C:\My Pictures).

You can now edit these files in a photograph editing program, such as Photo Express 4.0.

#### 9.1.2 Windows XP

1. Figure 10 will appear when the camera is turned on.
2. Choose one of the following options:
  - Print the pictures → To print your pictures immediately.
  - View a slideshow... → To automatically or manually view your photographs.
  - Copy pictures ... → To copy the photographs to a location on your hard disk.
  - Open folder ... → To open the folder containing the photographs on your camera.

- Take no action → To do nothing. See the chapter entitled Windows 98, Windows 98SE, Windows ME and Windows 2000.
- Play → To play a video clip using Windows Media Player.

## 9.2 Trust 735S PowerC@m Zoom Camera Manager

The Trust 735S PowerC@m Zoom CAMERA Manager is the main program to use to view the recordings made using the camera and to save them on your computer. You can also use the camera as a PC camera, so that you can make video recordings and take photographs via your computer.

### 9.2.1 Downloading and saving photographs using the Camera Manager

1. Set the camera to the Photo or Playback mode.
2. Connect the camera as described in chapter 7.3. The Trust 735S PowerC@m Zoom Manager will start automatically. If it does not start automatically, click on 'Start -> Programs -> Trust -> Trust 735S PowerC@m Zoom - Trust 735S PowerC@m Zoom'.
3. Figure 11 will appear. The camera has now been configured to download the photographs and video clips to your computer. A message will appear asking whether you wish to download photographs from the camera (see figure 12).
4. Select 'Enhanced' if you wish to download the photographs with a resolution of 4 Mega Pixels (2340 x 1755). Unselect 'Enhanced' if you wish to leave the photographs in the resolution they were taken in.
5. Click on 'OK'. The photographs will now be transferred from the camera's memory to the computer.
6. The photographs will be placed next to each other in the top right-hand corner of the window.
7. Double-click on a file to view it.
8. Select all the files to save them on your computer by clicking on 'Select All'.
9. All the photographs will be added to the album.
10. Click on the envelope next to the album to send the photographs via e-mail. Select a single photograph if you wish to send one photograph at a time.
11. Right-click on a file and select 'Save' to save a file on your computer.

### 9.2.2 Using the webcam function

1. See figure 13 and the table below for more information.
2. Set the camera to the Camera mode. Open the lens protector.
3. Connect the camera as described in chapter 7.3. The Trust 735S PowerC@m Zoom Manager will start automatically. If it does not start automatically, click on 'Start -> Programs -> Trust -> Trust 735S PowerC@m Zoom - Trust 735S PowerC@m Zoom'.
4. Figure 13 will appear. The image will be displayed on your computer monitor.
5. Press the 'Video record' button on the left-hand side.
6. A window will appear in which you can select:
  - How long the video clip must be (in seconds).
  - The number of frames per second.
  - The location and file name.



- Click on 'Start record' to start recording.  
If a time limit has been given, the recording will be stopped once this time limit has been reached. Otherwise, click on 'Stop record' to stop recording the video clip.

A black rectangular box containing the white letters 'U' and 'K' stacked vertically.

## 10 Trust Photo Site

Trust offers you the possibility to publish your photographs on the Internet on the website [www.trustphotosite.com](http://www.trustphotosite.com). There are a number of conditions for the use of this site. The conditions can be found on the website [www.trustphotosite.com](http://www.trustphotosite.com).

### 10.1 Registering

#### 10.1.1 For non-registered users

- Go to the Trust website ([www.trust.com](http://www.trust.com)) to register yourself and your camera. After registering, you will receive a confirmation e-mail.
- Sign in using the confirmation code which is sent to you.
- Next, follow the instructions for registered users.

#### 10.1.2 For registered users

- Go to the Trust Customer Care section of the website ([www.trust.com/customercare](http://www.trust.com/customercare)) and register using your e-mail address and password (password for the Trust website).
- Enter the item number of your digital camera and click on 'Search' to go to the support page for your camera
- Click on 'Create account' in the Trustphotosite.com banner on the right-hand side to create an account.
- Click on the 'Create trustphotosite.com account' button. It can take a while before the next window appears.
- Click on 'Continue'. In the window that appears, you can download software for uploading your photographs to the Trust Photo Site. You can download the latest version of the software here. (The Trust Photo Upload software is also included on the CD-ROM provided with the camera.)

### 10.2 Using the Trust Photo Upload software

- Start Trust Photo Upload from the Windows Start menu (Start – Programs – Trust – Trust Photo Upload).
- Use the 'Explorer' to select the photographs you wish to upload. You can use the buttons on the right-hand side of the Explorer to select photographs, unselect photographs, view photographs, etc.
- Click on 'Upload'.
- Enter your e-mail address and password for your Trust registration (not the password for your e-mail account).
- Click on 'Next'. Your login information will be checked. This can take some time.
- Select the photo album where you wish to upload the photographs to or create a new album.

7. Click on 'Next'. The photographs will now be uploaded. The progress will be displayed on your monitor. This can take a long time if you use an analogue modem.

8. Click on 'Close' to close the window.

Go to the website [www.trustphotosite.com](http://www.trustphotosite.com) and register.

You can now view your photographs, arrange them, etc. See the Help function on the website for more information.

## 11 Using the software

General information: make sure your camera is connected to your computer and the camera is in the Photo or Playback mode. Make sure the drivers work correctly.

### 11.1 Ulead Photo Express 4.0

You can use this application to solve problems with the pictures, such as the red-eye effect, discoloured photographs, photographs which are too bright or too dark, remove undesirable objects from the background, etc. You can also use this application to design calendars and cards.

Set the camera to the Photo or Playback mode.

Follow the instructions given below:

1. Click on 'Start – Programs – Ulead Photo Express 4.0 SE – Ulead Photo Express 4.0 SE'. Figure 15 will appear. You will be in the 'Browse' mode.
2. Find the folder containing your photographs in the left-hand side of the window.
3. Click on this folder to view the contents. Your photographs will be visible in the main window as thumbnails.
4. Select a photograph that you wish to edit and double-click on it. After a couple of seconds, the photograph will become visible in the main window. You can now edit the photograph.
5. Click on 'Edit' at the top of the window and select an option. The most common options are included here.
6. Click on 'Save' after editing the photograph to save the finished result.

See this program's instruction manual and Help function for more information.

**Note:** *The photographs are saved in JPEG format to save space. JPEG reduces the size of the file by removing small details from the photograph. If you wish to edit the photographs during different sessions, use a different file format to JPEG (for example, TIFF) to prevent the loss of quality as a result of constant loading and saving in the JPEG format.*

**Note:** *Since editing cannot be undone, it is recommended to make a copy of the photographs and to only edit the copies. You can then always return to the original photographs. It is strongly recommended to make a backup on a CD-ROM using a CD-writer for protection against computer errors.*

### 11.2 Ulead Photo Explorer 7.0

You can use Ulead Photo Explorer 7.0 to download photographs onto your computer. A short description of how to use Photo Explorer is given below.

For a detailed description of Photo Explorer, see the program's Help function.

Set the camera to the Photo or Playback mode.

Follow the instructions given below to use Photo Explorer.

1. Click on 'Start – Programs - Ulead Photo Explorer 7.0 SE Basic – Ulead Photo Explorer 7.0 SE Basic'.
2. The main window will appear. The 'Set-up Internet Connection' window may also appear. Click on the 'Skip for now' button to close this window if it appears.  
The Trust camera will be visible as a 'Removable disk' in the list on the left-hand side of the window.
3. Double-click on this. The 'DCIM' folder will be visible.
4. Double-click on this. The '100media' folder will be visible. This folder contains your photographs.
5. Double-click on this. Your photographs will slowly become visible. Figure 15 will appear.
6. Click on one of the thumbnails in the main window to edit, print, etc. the photograph. Note: you will edit the original photograph and changes cannot be undone.
7. Use the 'Digital Camera Wizard' (8<sup>th</sup> option from the left, camera symbol) to transfer your photographs to your computer. You will have to use the 'Configure..' button once to indicate where the photographs must be saved and whether these must be renumbered.
8. See the program's Help function for more information.

**Note:** *The program has the option to publish your photographs on the Internet (if you have an Internet connection). This is useful if you wish to show your photographs to friends.  
Remember that anybody will then be able to see your photographs and the company that administers the site has the right to use your photographs in advertisements.  
This is also often the case with other photograph sharing websites and is partly the reason why they are free.  
Read the conditions for use first.  
A photo website such as [www.trustphotosite.com](http://www.trustphotosite.com) will not use your photographs for advertising or other purposes.*

### 11.3 VideoLive Mail

Use figure 16 and table 16 for this explanation. To send multimedia e-mails, you must have a sound card, speakers and an Internet connection with an e-mail program. A video mail can be easily made and sent via e-mail using the VideoMail Wizard.

1. Start the program by clicking on 'Start -> Programs->Cyberlink VideoLive Mail 4.0 -> VideoLive Mail'. Figure 12 will appear.
2. Click on the 'Recording wizard' button (button 1). The 'Select Mail Type' window will appear.
3. Select 'Message Containing Video and Audio' and click on 'Next' to continue. The 'Video Quality Control' window will appear.
4. Select 'Video Quality' and click on 'Next' to continue. Use the value recommended by the program.
5. The 'Recording wizard – Audio Quality' window will appear. Adjust the audio quality and click on 'Next' to continue. Use the value recommended by the program.
6. The 'Start to Record Video Mail' window will appear.
7. Click on the 'Record' button to start recording.



8. Speak the text for the recording.
9. Click on the 'Stop' button to finish the recording.
10. Click on the 'Next' button to continue. The 'Complete VideoLive Mail' window will appear. In this window, select the following:  
'Play' to play the recording,  
'Save' to save the recording,  
'Mail' to send the recording by e-mail. An \*.exe file will be created which also contains the code to play the file. This is necessary to be sure that the recipient can view the message without having to install any extra programs.
11. The e-mail window will appear. You must fill in an e-mail address.
12. Click on 'Send'.
13. Click on 'Finish' to close the Wizard.

**Tip:** *This program has many more functions and possibilities. For more information, please see this program's Help function.*

1	Start Recording Wizard	A useful tool to easily compose a video mail.
2	Settings	For altering the video camera and microphone settings.
3	Start recording	Starts recording audio and video.
4	Play recording	Plays the recording so that you can check it.
5	Pause	Stops playing the recording. The recording can be restarted from the same point.
6	Stop	Stops playing the recording. The recording will start from the beginning when the play button is pressed again.
7	Send mail	Sends the message by e-mail.
8	Open video file	Opens a previously recorded file.
9	Save video file	Saves the current video recording on your computer.
10	Speaker volume	Adjusts the volume whilst playing.
11	Microphone sensitivity	Adjusts the sensitivity of the microphone. The sensitivity cannot be adjusted when using the camera as a microphone. This is then set automatically.
12	Close	Closes VideoLive Mail.
13	Minimize	Hides the window, although the program remains active.
14	Help	Starts the Help function. Gives information about how to use the program.

**Table 16: Meaning of the components included in the program**

## 12 Use with a Macintosh

This camera and the software have been specially designed for use with an IBM compatible computer. Nevertheless, this camera also works with a Macintosh computer, although not all of the options will work.

If you wish to use this camera on a Macintosh computer, your system must satisfy the following requirements.

- MacOS 9.0 or a later release.
- USB port.
- A program which plays AVI files (videos) (for example, QuickTime Player).
- A program which can display or edit JPG files (photographs).

**Note:** *The Digital Camera Utility is not available for MAC-OS. You can, therefore, not increase the photograph resolution to 4 Mpixels. Therefore, take photographs in the 3.3 Mpixel resolution and increase these using your image editing program.*

You can only install this camera on a Macintosh computer when the camera is in the Photo or Playback mode. No drivers are available for the Camera mode.

### Downloading photographs

1. Make sure your computer is turned on.
2. Set the camera to the Photo or Playback mode.
3. Connect the camera to your Mac system. An extra folder will now be added to your desktop entitled 'Untitled'. Your photographs will be saved in this folder.
4. Open this folder to access your photographs.  
In MAC OS X, the image size is activated automatically, so that your photographs are easier to import into your 'Pictures' folder.

**Note:** *If there is no external memory card, Mac OS will automatically display the camera's internal memory. If the camera has an external memory, the contents of the memory card will be displayed.*



## 13 Troubleshooting

Method
1. Read the solutions given below. 2. Check for up-to-date FAQ's, drivers and instruction manuals on the Internet ( <a href="http://www.trust.com/13675">www.trust.com/13675</a> ).

### 13.1.1 Problems with the camera

Problem	Cause	Possible solution
The camera does not do anything.	The camera is turned off.	Turn the camera on (see chapter 6.1).
	The batteries have been inserted incorrectly.	Reinsert the batteries (see chapter 5.1).
	The batteries are empty.	Replace the batteries (see chapter 5.1).
	Camera is still connected to your computer.	Disconnect the USB cable. The camera cannot be operated when it is connected to a computer.
The camera cannot be turned on.	No batteries have been inserted.	Insert batteries onto the camera (see chapter 5.1).
The camera does not react, although the batteries are full.	The camera must be reset.	Disconnect the USB cable and remove the batteries from the camera. Reinsert the batteries after approximately 10 minutes.
The camera suddenly turns itself off.	The power in the batteries is low.	Replace the batteries
	NiCd batteries are used.	Use Alkaline or rechargeable NiMH batteries.
'Card Error' flashes on the LCD screen.	The memory card has not been formatted or has the wrong format.	Format the memory card (see chapter 6.4.3).
'Please open lens cover' flashes on the LCD screen.	The camera is in the Camera mode and has been connected to an IBM compatible computer.	Slide the lens open to record video clips.
'Please open lens cover' flashes on the LCD screen.	The camera is in the Camera mode and has been connected to a Macintosh computer.	This mode is not supported by Macintosh computers. Set the camera to the Photo or Playback mode.
'Please unlock the SD card' flashes on the LCD screen.	The SD memory card is locked so that it is write-protected.	Unlock the card or use a different SD memory card or an MMC memory card.

<b>The photographs contain a lot of noise (snow).</b>	The photographs are taken in dark surroundings.	Make sure there is enough light.
<b>The photograph is over exposed.</b>	The photographs were taken in bright sunlight.	Take photographs in shadow.
	The contrast in the subject is too great.	Change the lighting or take the photograph closer by or further away.
<b>The image on the LCD screen is too bright.</b>	There is too much backlight.	Set the exposure to 'Backlight' (see chapter 6.2.6).
<b>The image on the LCD screen is too dark.</b>	There is insufficient light.	Use an extra light source to create more light. Use the flash (see chapter 6.2.4).
<b>The flash cannot be turned on.</b>	In order to charge the flash, more power is required than is contained in the batteries. The battery power is low.	Replace the batteries with full batteries (see chapter 5.1).
<b>The flash cannot be set to 'Auto' in the menu.</b>	The battery power is too low.	Take a photograph without using the flash or replace the batteries.
<b>The photographs are out of focus.</b>	The focus has been set incorrectly.	Set the focus correctly (see chapter 6.2.1).
<b>Less photographs can be taken than expected.</b>	The recordings contain a lot of detail or noise.	In the case of noise, select a location with more light. If there is too much detail, it is normal that less photographs or video clips can be taken.
<b>Sound is not produced.</b>	You are playing a video clip on the camera.	This is normal. To play the sound, the file must be copied to your computer and played using, for example, Microsoft Media Player.
<b>No photographs or video clips can be taken.</b>	'Strobe is charging' is displayed on the LCD screen.	The flash is being charged. Wait until the indicator goes green.
	The camera is still busy saving the previous photograph. The indicator flashes red.	Wait until the indicator goes green.
	The camera is busy recording a video clip.	Stop recording.



	The memory is full.	Remove some video clips (see chapter 6.4). Copy the video clips to your computer (see chapter 9) and delete the video clips from the camera's memory (see chapter 6.4.2). Insert a different memory card into the camera (see chapter 5.2).
	The camera menu is active.	Turn the menu off (see chapter 5.5).
	The SD/MMC memory is full.	Transfer photographs to your computer and delete the contents of the memory. You can take more photographs using a (larger) SD/MMC card. Ask your dealer.
<b>No photographs or video clips can be saved in the external memory.</b>	The memory card has not been inserted correctly.	Reinsert the memory card into the camera (see chapter 5.2).
<b>No photographs or video clips can be found on the external memory.</b>	An external memory card has not been inserted into the camera.	Photographs and video clips have been saved in the internal memory.
<b>The LCD screen is black.</b>	The camera has not been used for more than 3 minutes. The camera has turned off automatically.	Press the power button (1, figure 1) and see chapter 6.1.
	The camera has gone into the sleep setting after 60 seconds.	Press any button on the camera to activate the camera (see chapter 6.1).
<b>Photographs and video clips cannot be saved.</b>	The card is faulty.	Try to use the card in a different camera, use a different card or format the memory card.
<b>The SD/MMC card cannot be used.</b>	The CF card has been formatted in the wrong format.	Format the CF card in the camera (camera menu, figure 2, item 8). Do not format the card in a card reader.
<b>The video clips contain a lot of noise (snow).</b>	There is insufficient light.	Improve the lighting.
<b>The video recordings contain a lot of noise (snow).</b>	There is insufficient light.	Improve the lighting or select a different location.



<b>The video clip is out of focus.</b>	The distance to the subject is too small.	Increase the distance to the object to be videoed or select the macro setting (see chapter 6.3).
<b>The video is shaky.</b>	The camera records 10 images per second. This is less than a camcorder.	Move the camera slowly or use a stand. The recordings will then be more stable.
<b>The webcam image is not clear.</b>	A low resolution is used.	Set the video resolution to 320 x 200 (see chapter 7.1.4).

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**13.1.2 Problems with the computer**

<b>Problem</b>	<b>Cause</b>	<b>Possible solution</b>
<b>Windows does not detect a new device after connecting the camera.</b>	The computer's USB port does not work.	Check the settings of your USB port. For more information, see <a href="http://www.trust.com/customer-care/help/usb">www.trust.com/customer-care/help/usb</a> .
	The camera has not been connected to a USB port.	Connect the camera to a USB port
	The camera has been connected to a USB hub which does not have a power supply.	Connect the camera to a USB hub which has a power supply or to a USB port on your computer.
<b>The error message 'Capture device was not detected' is displayed.</b>	The camera has not been connected to a USB port.	Connect the camera to a USB port
	The camera has been connected to a USB hub which does not have a power supply.	Connect the camera to a USB hub which has a power supply or to a USB port on your computer.
<b>The camera is marked with an exclamation mark '!' in the Device Manager.</b>	The drivers have not been installed correctly.	Install the drivers before connecting the camera.
	The USB port does not work correctly.	Test the USB port using a different device or see the USB troubleshooter at <a href="http://www.trust.com">www.trust.com</a> .
<b>There is no connection with the computer.</b>	The camera has been connected incorrectly.	Reconnect the cables

<p><b>After connecting my camera to my PC for the first time, I cannot see an extra disk drive in Windows Explorer.</b></p>	<p>Windows cannot detect the driver so quickly.</p>	<p>When the camera is connected to a Windows system for the first time, it can sometimes take longer than 5 minutes before Windows has detected and installed the default drivers. This is normal. Wait for some time and refresh the contents of the open Windows Explorer window by pressing F5. A removable disk will eventually appear in the list of folders. Only then has the driver been fully installed.</p>
<p><b>My camera is automatically detected by Windows, but the webcam function does not work.</b></p>	<p>The driver for the webcam function has not been installed.</p>	<p>A separate driver must be installed in order to use the webcam function. This function is not included in the function which recognizes the camera as a removable disk (Mass Storage Device, MSD).</p>
<p><b>If I disconnect my camera from the USB port, I receive a message saying that it was not removed correctly. Why is that and how should it be disconnected?</b></p>	<p>The device was not turned off in Windows.</p>	<p>Since the camera is a storage medium, it is possible that it was being written to or read by Windows when it was disconnected. Abruptly disconnecting the device may damage the directory structure or the memory layout. The device must, therefore, be released before it can be disconnected from the USB port.</p> <p>This is carried out as follows: an icon is displayed in the right-hand corner of the taskbar for disconnecting hardware (image of a PC card with a green arrow). Double-click on this icon and then select the device that you wish to disconnect by clicking on 'Stop'. You will then receive a message saying that the device can be disconnected.</p>

## 13.1.3 Problems with the software

Problem	Cause	Possible solution
Where can I find the serial number for VideoLive Mail?	This is printed on the CD-ROM.	Look at the original CD-ROM.
The installation of Ulead Photo Express cannot be completed.	A company name has not been entered.	A company name has to be entered. A single letter is sufficient.
The error message 'Fail connect to device, please try again' is displayed after opening the Camera Manager. The window opens, but I cannot obtain files from the camera's memory.	Windows 98 or Windows 95 is used.	The software only works correctly in Windows 98 SE, Windows ME, Windows 2000 and Windows XP.
	The USB port does not work correctly.	Test the USB port using a different device or see the USB troubleshooter at <a href="http://www.trust.com">www.trust.com</a> .
	The camera has not been connected to the computer.	Connect the USB cable.
	The drivers have not been installed correctly.	Uninstall the drivers, remove the USB cable and reinstall the drivers.
The camera does not give an image in the application (webcam).	Another application is open and is using the camera image.	Close the other application first before starting the program.
A live recording gives a displaced image and the wrong colours.	An old version of DirectX is installed.	Download the latest version of DirectX from <a href="http://www.microsoft.com/directx">www.microsoft.com/directx</a> .
	Drivers for an old webcam are still installed.	Find these drivers and uninstall them (see chapter 7.1).
Photographs are discoloured on the monitor or when printed.	The monitor has not been set correctly.	Compare the photograph to other photographs (for example, on the Internet) where you know the colour is correct. Adjust your monitor correctly (see the instruction manual provided with your monitor).
	The background lighting is not white.	Change the lighting. If this does not help, use Photo Express to edit the colour.
	The printer has been set incorrectly.	If the photographs look good on your monitor, check your printer settings.
	An inkjet printer has a blocked ink cartridge.	See the instruction manual provided with your printer for instructions on how to test the printer and solve any problems.

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	The paper used is unsuitable for printing photographs.	Use original paper from your printer manufacturer for the most reliable result.
<b>The photographs do not fit correctly into the photograph frame. White bars are always visible.</b>	Most photograph frames are made for the traditional 3:2 format.	Select a different photograph frame or use the 'Crop' function in Photo Express to alter the size to fit the frame.
<b>Video clips cannot be played in Windows Media Player.</b>	The correct code has not been installed.	Install a later release of Windows Media Player or Windows Internet Explorer.

**13.1.4 Other problems**

Problem	Cause	Possible solution
<b>The problem is not listed here.</b>	Check the Internet for the latest update of the camera Troubleshooter.	Click on <a href="http://www.trust.com/customercare/help/camera">www.trust.com/customercare/help/camera</a>

If you still have problems after trying these solutions, please contact one of the Trust Customer Care Centers. You can find more information at the back of this instruction manual. Please have the following information available:

- The item number. This is 13675.
- A good description of what does not work.
- A good description of when the problem occurs.

**14 Warranty conditions**

- Our products have a two-year manufacturer's warranty which is effective from the date of purchase.
- If there is a fault, return the product to your dealer and include an explanation of the fault, the proof of purchase and all the accessories.
- During the warranty period, you will receive a similar model, if one is available. If no similar product is available, your product will be repaired.
- Please contact our help desk for missing components, such as the instruction manual, software or other components.
- The warranty becomes invalid if the product has been opened, if there is mechanical damage, if the product has been misused, if alterations have been made to the product, if the product has been repaired by a third party, in the case of negligence or if the product has been used for a purpose other than that originally intended.
- Excluded from the warranty:
  - Damage caused by accidents or disasters, such as fire, flood, earthquakes, war, vandalism or theft.
  - Incompatibility with other hardware/software which is not stated in the minimum system requirements.
  - Accessories, such as batteries, fuses (if applicable).
- Under no circumstances will the manufacturer be held responsible for any incidental or consequential damage, including the loss of income or other commercial losses resulting from the use of this product.

## 15 Technical specifications

Camera resolution	2048 x 1536 (3.1MP)
Hardware sensor resolution	1600 x 1200 (2MP)
Internal memory	Built-in 16MB SDRAM (buffer) 16 MB flash memory (storage)
External memory	Built-in SD/MMC slot (maximum: 512 MB)
Digital still camera	JPEG format 2048 x 1536 (3.1MP); 1600 x 1200 (2MP); 1280 x 960 (1.3MP)
Digital video camcorder	Motion JPEG (AVI) format QVGA (320 x 240 pixels) / up to 20 fps
Videoconferencing	VGA (640 x 480 pixels) / up to 10 fps QVGA (320 x 240 pixels) / up to 20 fps
LCD screen	4 cm colour TFT LCD
Digital zoom	4x (for photographs)
Exposure	Auto / Backlight
White balance	Auto / Sunny / Cloudy / Fluorescent / Tungsten
Image effects	4 modes for photographs and 2 modes for video clips
Lens	F=3.0, 8.5 mm
Automatic exposure	10 seconds
Interface	USB 1.1 (USB 2.0 compatible)
Energy saving	Auto power-off after 3 minutes
Built-in microphone	Yes
Built-in speaker	No
Built-in flash	Yes, effective range 1.5 m
Battery	2x AAA (alkaline or NiMH)
Dimensions	40 x 88 x 32 mm


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