Instructions when using for the first time	Chapter
1. Preparing the camera for use	(4.1 to 4.5)
2. Photograph, video and sound recordings	(4.6)
3. Playing recordings on the camera	(4.7)
4. Installing the driver	(5.2)
5. Installing the applications	(6)
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1 Introduction

This instruction manual is for users of the TRUST 632AV LCD POWER VIDEO. This camera can take photographs with a maximum resolution of 1600 x 1200 (2M pixels) and record videos in a quality almost equivalent to VHS quality. The camera has an 8 Mbyte internal memory, a webcam function, digital video recording, an automatic exposure function and a lens with a macro setting for taking close-up pictures. The camera's memory can be increased up to a maximum of 512 Mbyte using a CF memory card. Some models may include a CF card. See the side of the packaging for more information.

2 Safety

2.1 General information

Carefully read the following instructions before use.
- The TRUST 632AV LCD POWER VIDEO 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 this device near water.
- Do not repair this device yourself.
- Do not look through the viewfinder if it is aimed directly at the sun, because this may damage your eyes.
- Do not point the camera directly at the sun for a long period of time, because this can damage the sensor.

2.2 Batteries

1. The batteries supplied with the camera are not rechargeable. Do not try to recharge them, The batteries may explode.
2. Never throw the batteries onto an open fire. The batteries may explode.
3. Never drill holes into the batteries.
4. Keep the batteries out of the reach of small children.
5. Only use AA alkaline or rechargeable AA NiMH batteries with this camera.
6. When the batteries are empty, ask your local authority where you can dispose of them.

Note: *Do not use old and new batteries at the same time, because the old batteries may leak and cause damage.*
Note: *The batteries should be removed if the camera is not going to be used for some time. This will save the battery capacity.*
Note: *Recordings saved in the **internal** 8 MB memory will be deleted when the batteries are replaced or become empty. Use a CF card or transfer*

the recordings to your computer before replacing the batteries or before they become empty.

3   Description of the camera

3.1   Front of the camera

Use table 1 in combination with figure 1.

Item	Description	Function
1	Exposure button	Takes a photograph.
2	Lens	Records the image to be taken. Keep your fingers off of the lens.
3	Macro setting switch	Turns the macro setting on and off. The macro setting is used to take close-up photographs.
4	Mirror	For taking self-portraits.
5	Microphone	Do not cover this. The sound recorded will not be loud enough if you accidentally cover this with your finger.

Table 1: Functions on the front of the camera

3.2   Rear of the camera

Use table 2 in combination with figure 1.

Item	Description	Function
6	Viewfinder	For viewing the image to record. You can also view the subject by looking at the built-in LCD screen. The viewfinder is useful in bright light if the LCD screen is difficult to see.
7	LCD screen	For looking to see what the photograph will look like. Also used to view the photographs which have been taken and, if desired, to delete them.
8	Video recording	A video clip (with sound) is recorded after pressing this button once. Press the button again to stop recording.
9	Menu	Turns the camera on and off (after pressing for 5 seconds) and operates the menu (press and move upwards or downwards).
10	USB connection	For connecting the camera to your computer.
11	Slot for the (optional) CF card.	Accepts standard Compact Flash (CF) memory cards. Use a CF card to increase the number of photographs and the duration of the video and sound clips.
12	AV connection	For connecting the camera to your TV.
13	EJECT button	For removing the CF card from the camera.

Table 2: Functions on the rear of the camera

3.3   Right-hand side

Use table 3 in combination with figure 1.

Item	Description	Function
14	Fixing point for the wrist strap.	For securing the wrist strap to the camera.
15	Speaker	For emitting sound from video and sound recordings.
16	Battery holder	For two AA batteries. You can also use rechargeable NiMH batteries.
17	Screw point for the stand	For attaching the stand provided with the camera or a larger stand. The stand is useful when using the webcam function.

Table 3: Right-hand side of the camera

3.4   Left-hand side

Use table 4 in combination with figure 1.

Item	Description	Function
18	LCD switch	Turns the LCD screen off. This saves the battery power.

Table 4: Left-hand side of the camera

3.5   Menu system

Use table 5 in combination with figure 8.

Item	Description	Function
1		Turns the symbols on the LCD screen off.
2		This function selects the display menu for viewing photographs and playing video and sound recordings.
3		Select this function to record sound in speaking quality.
4		Selects the resolution used to take photographs. High for sharper pictures and low for more photographs.
5	(★)	Degree of data compression for the photographs taken. Low quality doubles the maximum number of photographs.
6		Takes a photograph after a time delay of 10 seconds. Use this option to take photographs of yourself.
7		Deletes all the recordings.
8		Deletes the recordings on the CF card and prepares it for new recordings.
9	PAL	Selects the TV system. This must be set to PAL for Europe.
10		Indicates the condition of the batteries.

Table 5: LCD screen

4   Using the camera

4.1   Attaching the wrist strap and the sticker

A wrist strap is supplied with the camera. Attach the wrist strap as follows.
1.   Insert the thin end of the wrist strap through the eye (14 in figure 1).
2.   Make a loop with the string of the wrist strap which has been inserted through the eye (14).
3.   Thread the other end of the wrist strap through the loop made in point 2.

A transparent sticker with brief instructions is also supplied with the camera. Attach the sticker as follows.
1.   Find the sticker printed in the language you prefer. The sticker is printed in a number of different languages.
2.   Fold open the camera's LCD screen.
3.   Remove the back from the sticker to expose the sticky side.
4.   Stick the sticker under switch 18 (see figure 1), i.e. in the space on the housing which is covered when the LCD screen is folded closed. **Do not** stick the sticker over the switch.

Note: *Be careful. The sticker cannot be removed at a later date. Any attempt to remove it may damage the housing.*

4.2   Inserting an optional Compact Flash card

A Compact Flash card is supplied with some models. See the contents of the packaging printed on the box to see whether a Compact Flash card is included with your camera. You can also purchase these cards separately to increase the number of recordings that the camera can save.
1.   Hold the camera with the lens of the camera facing forwards (see figure 3).
2.   Insert the CF card into the camera with the top of the card facing to the left.
3.   Press the card firmly into place. The card must not protrude from the camera. Do not use excessive force to insert the card into the camera.

If you save recordings (without the CF card) in the camera's internal memory and insert a CF card into the camera after that, the recordings in the internal memory will no longer be visible. Remove the CF card from the camera to view the recordings in the internal memory. It is not recommended to use the internal memory if you have a CF card, because the internal memory is deleted if the batteries are replaced or become empty.

Note: *External card reader: use the camera, not the card reader, to format the card. The camera* **cannot** *process the FAT32 or NTFS formats.*
Note: *Make a back-up of your photographs before using Windows Explorer in Windows XP. This program may alter your photographs and this cannot be undone.*
Note: *After taking a photograph, wait at least 5 seconds before opening the battery compartment. If the camera is still writing data to the card when the batteries are removed, all the photographs on the card may be deleted.*
Note: *Keep the CF card where it is free of dust. Dust and sand can enter the holes in the card's connection point and damage the camera or the card.*

4.3 Inserting the batteries

Also see figure 4.
1. Open the battery flap.
2. Insert the two AA batteries into the camera as shown above the battery holder.
3. Close the battery flap by sliding it closed.
4. The TRUST 632AV LCD POWER VIDEO is now ready for use.

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Note: *Only use non-rechargeable alkaline batteries or NiMH 1600 mA, or higher, rechargeable batteries. Other types of batteries do not work correctly in this camera.*

Note: *Digital cameras use a lot of power. The batteries will last approximately one hour if the LCD screen is used. They may not last as long if video is recorded continuously. The life span of the batteries also depends on the make and type of batteries and the make and capacity of the CF card. Use Duracell Ultra batteries or rechargeable NiMH batteries for a longer life span. Turning off the LCD screen will also make the batteries last longer.*

Note: *Recordings saved in the **internal** 8 MB memory will be deleted when the batteries are replaced or become empty. Use a CF card or transfer the recordings to your computer before replacing the batteries or before they become empty.*

The battery condition is shown on the LCD screen (10, figure 2) as follows.

▭	The batteries are full.
▭	The battery capacity is low. Only a few more photographs can be taken.
▭	The batteries are empty.

Table 6: Battery conditions

4.4 Turning the camera on and off

See figure 1 on the first page of this instruction manual. The camera does not have a separate ON/OFF switch. Turn the camera on using the menu button (9) as follows.
1. Unfold the LCD screen.
2. Press the menu button and keep it pressed. The red LED on the rear of the camera will be lit.
3. Wait 5 seconds whilst keeping the button pressed. A noise will be heard. The camera has now been turned on.
4. In order to use the LCD screen, check whether the LCD switch (18) is pointing upwards. The LCD screen is turned off if this switch points downwards. Turning the LCD screen off will increase the life span of the batteries.

Turning the camera off
1. Press the menu button and keep it pressed.
2. Wait 5 seconds whilst keeping the button pressed. The LCD screen will turn off. The camera has now been turned off.

Tip: *The camera turns off automatically if it is not used for approximately 1 minute.*

4.5 Menu system

See figure 1. Most settings are available on the LCD screen via the menu. Use the menu as follows.
1. Turn the camera on (see chapter 4.4).
2. Press the menu button for a short period. The menu will be displayed. A short description of the symbols is given in figure 2 and table 5.
3. Push the menu button downwards to move down items and push the menu button upwards to move up items.
4. Press the menu button for a short period to select an item.

Select option 1 (see figure 2) to turn off the symbols.

Tip: *The menu can also be viewed on a TV screen if the camera is connected to the TV using the AV cable.*

4.6 Settings

4.6.1 LCD screen
The LCD screen can be turned off to save the batteries. The LCD switch is button 18 in figure 1. Slide the button:
- Upwards to turn the LCD screen on.
- Downwards to turn the LCD screen off.

4.6.2 Resolution
You can take photographs in three different resolutions using the TRUST 632AV LCD POWER VIDEO, namely 1600 x 1200, 1280 x 1024 and 640 x 480. The default resolution when the camera is turned on is 1280 x 1024 (1.3M). Carry out the following if you wish to set the camera to a higher or lower resolution.
1. Make the menu visible using the menu button.
2. Scroll to the resolution symbol (4 in figure 2).
3. Press the menu button for a short period to change the resolution to a different resolution. If the camera was already in the highest resolution, the resolution will be changed to the lowest resolution (see table 7).

L	Low	Resolution is 640 x 480 (VGA).
N	Normal	Resolution is 1280 x 1024 (1.3M pixel).
H	Maximum	Resolution is 1600 x 1200 (2.0M pixel).

Table 7: Summary of the symbols used on the LCD screen to indicate the photograph resolution

4.6.3 Quality
You can take photographs in a high and a low quality using the TRUST 632AV LCD POWER VIDEO. The resolution remains the same, but twice as many photographs can be saved in the memory by using a higher compression. However, a higher compression may cause distortion in the image. When the camera is turned on, it is set to high quality. Carry out the following if you wish to set the camera to the low quality.
1. Make the menu visible using the menu button.
2. Scroll to the quality symbol (5 in figure 2).

3. Press the menu button for a short period. The quality will be set to low. If the quality was already set to low (small star), the quality will now be set to high (large star).

If the camera is turned off, it will be set to the high quality again when it is turned back on.

4.6.4   Video standard

The TRUST 632AV LCD POWER VIDEO has a video output. The default setting is for use in Europe (PAL). If you wish to connect the camera to a TV in the USA, set the output to NTSC.
1. Make the menu visible using the menu button.
2. Scroll to the TV symbol (9 in figure 2).
3. Press the menu button for a short period. The camera will be set to NTSC and will restart. The image on the LCD screen may flash.

Repeat the procedure to return the camera to the PAL setting. The setting will remain the same when the camera is turned off. This setting can also affect the video and webcam image. Leave this option set to the PAL standard if you use the camera in Europe or other countries which use the PAL standard. The camera cannot be configured for the French SECAM system.

Tip: *Video clips can only be recorded in one quality. Therefore, no resolution or quality can be selected.*

4.6.5   Macro setting

Objects photographed at a distance of less than 2.5 metres are not sharp. Use the macro setting to make these photographs sharp. This setting works up to a minimum distance of 40 cm. Objects photographed at a distance greater than 2.5 metres will not be sharp when the macro setting is selected. Select the macro setting as follows.

Macro setting
1. Direct the camera towards the object that you wish to photograph.
2. Rotate the lens ring anticlockwise. You will feel two clicks, one when it exits the *normal* setting and one when the macro setting is reached. The arrow on the lens ring will now be pointing at the flower symbol.

Normal setting
1. Direct the camera towards the object that you wish to photograph.
2. Rotate the lens ring clockwise. You will feel two clicks, one when it exits the macro setting and one when the normal setting is reached. The arrow on the lens ring will now be pointing at the mountain symbol.

Note: *Do not forget to return the camera to the normal setting after taking photographs in the macro setting. When in the macro setting, normal photographs are not sharp. This will be difficult to notice on the LCD screen or through the viewfinder.*
Note: *The viewfinder may be inaccurate when the macro setting is selected. Record a slightly large frame to avoid having parts of the object not being included in the photograph. You can also use the LCD screen, because this is always more accurate.*

4.7 Making recordings

4.7.1 The first photograph

Comment: *To save the batteries, the camera will turn off automatically when it has not been used for 1 minute.*

See figure 1.
1. Turn the camera on (see chapter 4.4).
2. Fold the LCD screen open.
3. You can turn on the LCD screen using the LCD switch (18) or you can use the viewfinder (6).
4. Turn the menu off if it is visible. You cannot take photographs if the menu is visible.
5. If you use the viewfinder, hold it in front of you 20 to 40 cm from your eyes. The viewfinder has been designed to be used this way because there is no space for your face close to the camera.

6. Focus the object to be photographed. If necessary, use the macro setting (see chapter 4.6.5).
7. Hold the camera still.
8. Press the exposure button (1). The photograph will now be taken. The image on the LCD screen will disappear for a short period of time and the LED indicator (above the video button) will be lit.
9. Wait until the camera is ready. The camera is ready to take another photograph when a noise is heard and the LED is turned off.

Note: *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.*

Note: *All the recordings in the camera's internal memory are deleted when the batteries are replaced or when they become empty. Transfer the photographs to your computer before replacing the batteries or use a CF card. A CF card saves recordings even without batteries.*

Tip: *The quality of the photograph depends on the surrounding light. More light will result in a better picture.*

Tip: *The number of photographs that can be taken depends on the number of details of the object to be photographed. The specifications are an approximation.*

Tip: *The image viewed through the viewfinder may be slightly different to what is recorded through the lens. You can use the LCD screen for greater accuracy.*

CF memory card	Resolution/photographs		
	High	Normal	Low
None	11	24	88
16 MB	18	37	150
32 MB	36	75	352
64 MB	74	150	585
128 MB	140	290	1100
256 MB	270	550	2100
512MB	525	1100	2400

Table 8: Maximum number of photos. This number can be doubled by changing the quality to 'Low'. If the CF card is full, it can be removed and recordings can then be saved in the internal memory.

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4.7.2 Taking photographs using the automatic exposure function

Also see figures 1 and 2. You can take a photograph of yourself using the automatic exposure function. The camera has a built-in mirror on the front (4, figure 1) which is used to see approximately what will be photographed. Another use for this mirror is to make a recording in poor lighting without affecting the sharpness.

1. Place the camera on the stand.
2. Turn the camera on (see chapter 4.4).
3. Direct the camera at the subject to be photographed. If necessary, use the LCD screen.
4. Select the automatic exposure function using the menu button. This is symbol 6 in figure 2.
5. Press the exposure button (button 1, figure 1). The LED will start to flash slowly. The LED will flash more quickly just before the photograph is taken. A signal will be heard. The photograph has been taken when the LED is no longer lit.
6. Exit the menu to turn off the automatic exposure function.

4.7.3 Recording video clips

See figure 1. Carry out the following to record a video clip.

1. Turn the camera on (see chapter 4.4).
2. Turn the menu off if it is visible. You cannot record a video clip if the menu is visible.
3. Direct the camera at the subject. If necessary, use the LCD screen.
4. Press the video button (button 8, figure 1). The camera will now start recording. The LED above the video button will flash. The counter for the elapsed time will be visible on the LCD screen.
5. Press the video button to stop recording. A sound will be heard and the recording will be stopped.

Tip: The quality of the video recording depends on the surrounding light. More light will result in a better image.

Tip: The maximum duration of a video recording depends on the camera's memory. An approximation is given in table 9.

Tip: The result will be better if you move the camera slowly or hold it still whilst recording. Quick movements may lead to jerky images, because the video clip is recorded at 10 images per second, which is less than the standard 25 images per second.

Tip: The batteries will last longer if you turn off the LCD screen and use the viewfinder.

Comment: The camera makes a new video clip each time a video recording is started. These clips can be edited together to make a film at a later date using the software supplied with the camera. Many short clips are more difficult to edit than less, but longer clips.

CF memory card	Recording time (minutes)
None	1.5
16 MB	4
32 MB	6

64 MB	20
128 MB	24
256 MB	48
512 MB	96

Table 9: Total time duration of video clips. The actual duration depends on the subject and can be up to 40% longer. The CF card can be removed when it is full. You can then save recordings in the camera's internal memory.

4.7.4 Memo recorder (audio recordings)

See figure 1.
Carry out the following to make audio recordings.
1. Turn the camera on (see chapter 4.4).
2. Select the audio recording function using the menu button. This is symbol 3 in figure 2. The camera will immediately make an audio recording. The LED will flash. The counter for the elapsed time will be visible on the LCD screen.
3. Press the menu button to stop recording. A sound will be heard and you will return to the menu.

The maximum time duration for audio recordings depends on the CF card inserted into the camera (see table 10).

CF memory card	Recording time (hours)
None	0.5
16 MB	1
32 MB	2
64 MB	4
128 MB	8
256 MB	16
512 MB	32

Table 10: Total time duration of audio recordings. The CF card can be removed when it is full. You can then save recordings in the camera's internal memory.

4.8 Viewing and deleting recordings

4.8.1 Viewing

Recordings are played via the PLAY menu. All the recordings (video, photo or sound) which can be viewed from this menu are displayed as icons. The files can only be played one at a time on the camera. You can connect a TV to the camera via the AV output so that you can view and listen to the recordings on your TV. Carry out the following to go to the PLAY menu.
1. Make sure the camera is turned on.
2. Make the menu visible by pressing the menu button once.
3. Scroll to the play symbol (2, figure 2).
4. Press the menu button for a short period. You will now be in the play menu. All the photographs, video recordings and audio recordings will be visible as icons.
5. Scroll to the file that you wish to play.
6. Press the menu button for a short period. The recording will be played.
7. Press the menu button for a short period to stop playing the recording.
8. Press the video button to exit the play menu. You will return to the main menu.

When playing a recording, you can play the next or the previous recording by moving the menu button upwards or downwards.

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4.8.2   Deleting selected recordings

Delete files that you no longer require.

1.   Open the play menu (chapter 4.8.1, points 1 to 4).
2.   Scroll to the file you wish to delete.
3.   Play the file if you are not sure whether you have selected the correct file.
4.   Press the exposure button (1, figure 1). The file's icon will change into a
      dustbin icon. If, after further inspection, you do not wish to delete this file,
      scroll to another file and press the exposure button.
5.   Press the exposure button again to delete the recording. The file will be
      deleted.
6.   Repeat points 2 to 5 until all the files you wish to delete have been deleted.
7.   Press the video button to exit the play menu.

4.8.3   Deleting all the recordings

1.   Make sure the camera is turned on.
2.   Make the menu visible by pressing the menu button once.
3.   Scroll to the delete symbol (7, figure 2).
4.   Press the menu button for a short period. The symbol will start to flash.
5.   Consider whether you wish to delete all the recordings. Scroll to another item
      to cancel the deletion.
6.   Press the menu button for a short period again. The contents of the memory
      will now be deleted.

Tip: *Instead of deleting all the recordings from a CF card, you can also
              choose 'Format' (symbol 8, figure 2). The result will be the same, i.e.
              all the files will be deleted. Formatting is recommended when using a
              new memory card or if the memory card can no longer be used.*
Note: *Deleted files cannot be retrieved. Your recordings will be deleted for
              good after carrying out the instructions given above.*

4.8.4   Connecting the camera to a TV

The camera can be connected to a TV. You will then be able to play all the
recordings (including audio recordings) on the TV. The LCD screen will be turned
off. A standard RCA AV cable is supplied with the camera.

1.   Connect one end of the AV cable to the camera (12, figure 1).
2.   Connect the other end of the AV cable to your TV. Your TV must have a
      video input. The yellow plug is for the image signal and the white plug is for
      the sound signal. You will need an adapter if your TV only has a SCART
      plug. This can be purchased from most TV and radio shops.
3.   Set your TV to display the video input.
4.   Turn the camera on (see chapter 4.4). The camera image will now be visible
      on your TV. You can also use the menu according to figure 2.

Note: *The camera's AV output is not suitable for connecting to the aerial
              connection on your TV. Your TV must have a video input.*
Tip: *If you do not see an image and hear a loud humming sound through
              the speakers, then you may have connected the image and audio
              plugs to the wrong connections. Swap the image and audio plugs and
              try again.*

5 Installing the software

5.1 Removing 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.

Old drivers for webcams, TV cards and video editing cards can affect with the webcam function (live image).

1. Enter the Windows 'Safe Mode' (press F8 when starting Windows and then select 'Safe Mode' from the menu which will be 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.

5.2 Installing the driver in Windows 98SE / Windows ME / Windows 2000 / Windows XP

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

Note: *This device has not been designed to work in Windows 98 (Windows 98 SE not included). Although some functions will work, stable operation is not guaranteed. The device **does not** work in any versions of Windows 95.*

Tip: *The latest driver can be downloaded from www.trust.com/13339. Check whether a new driver is available and use this for the installation. The current version of the driver is included on the Trust Installation CD-ROM.*

Note: *Make sure all other programs are closed during the installation.*
Note: *During installation in Windows 2000 and Windows XP, you may receive a message saying that the driver has not been signed. This does not cause a problem for the functionality.*
Note: *In the example, 'D:\' is used to indicate the CD-ROM drive. This may be different for your computer.*

1.   Insert the CD-ROM from the CD-ROM set 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 Start menu.
    b)   Type [D:\SETUP.EXE] and click on 'OK' to start the Trust Software Installer.
2.   The Trust Software Installer window will appear See figure 11.
3.   Select the language you wish to use for the installation.
4.   Click on 'TRUST 632AV LCD POWER VIDEO' to start the installation of the camera.
5.   Follow the on-screen instructions.

The installation of the driver and software for the TRUST 632AV LCD POWER VIDEO has now been completed. The installation of the other programs is described later in this instruction manual.

5.3 Connecting the camera

1. Make sure your computer is turned on.
2. You will also need your original Windows installation CD-ROM. Make sure you have this available.
3. Connect the USB cable to the camera's USB port (10, figure 1). Connect the other end of the USB cable to your computer. Windows will detect and install the camera. Follow the on-screen instructions. The camera has been installed correctly once all the windows are closed. The drivers for the camera's storage device have now been installed.
4. Select the 'Live' option from the camera menu (see figure 8). Windows will detect and install the webcam component of the camera.
5. Follow the on-screen instructions. You require your original Windows installation CD-ROM for the installation.
6. After the installation, insert the Trust CD-ROM back into your CD-ROM drive. You will receive an error message if you try to continue without having the Trust CD-ROM in your CD-ROM drive.
7. The camera has been installed correctly once all the windows are closed. It is now possible to download photographs from the camera onto your computer and to use the camera as a webcam. See chapter 7 for more information.

Tip: *The above can also be carried out without any batteries being inserted into the camera.*

5.4 Checking after the installation

After installing the device and the drivers, the following are installed on your computer and can be checked (connect the camera and turn it on).
'Start – Settings – Control Panel'. Double-click on the 'System' icon and select the 'Device Manager' tab.
If used as a webcam ('Live' option):
- Imaging device – TRUST 632AV LCD PV(Video)
– TRUST 632AV LCD PV(Still)
If used to download photographs:
- Disk drives – TRUST 632AV LCD PV
- Harddisk controllers – TRUST 632AV LCD PV

And in the Start menu:
- TRUST 632AV LCD Power Video -> Power Video Manager

The information given above is an indication. Different versions of the driver and different operating systems may give a different result.

6 Installing the application 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.*

6.1 Photo Express 4

Photo Express is included on the second CD-ROM, entitled ULEAD Photo Express 4.0. 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 TRUST 632AV LCD POWER VIDEO. This program requires 500 MB free hard disk space. Follow the

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instructions below to install Photo Express 4.0. This installation can take longer than 10 minutes.

1. Insert the Photo Express 4.0 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 Start menu.
    b) Type [D:\SETUP.EXE] and click on 'OK' to start the installation program.
2. Select 'Photo Express'.
3. Select the language you wish to use.
4. Follow the on-screen instructions.

6.2   Photo Explorer 7

Ulead Photo Explorer 7 SE 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 is useful if you wish to download photographs and save them on your computer. Follow the instructions below to install Photo Explorer 7.0.

1. Start the Trust Software Installer (see chapter 5.2, points 1 – 3). Figure 11 will appear.
2. Select 'Photo Explorer'.
3. Select the language you wish to use.
4. Follow the on-screen instructions.

6.3   DVD Movie Factory

DVD Movie Factory is a program which you can use to compose a video film from the various video clips (fragments) on the camera. If your computer has a suitable DVD-writer or CD-writer, this video film can be saved on a CD-ROM or a DVD. Follow the instructions given below to install the program.

1. Start the Trust Software Installer (see chapter 5.2, points 1 – 3). Figure 11 will appear.
2. Select 'DVD Movie Factory'.
3. If asked, select the PAL video system.
4. If asked, choose to install QuickTime. You can skip the registration.
5. Follow the on-screen instructions.

6.4   VideoLive Mail

You can use VideoLive Mail to send e-mails which include audio and video recordings. 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 and a sound card with speakers.

1. Start the Trust Software Installer (see chapter 5.2, points 1 – 3). Figure 11 will appear.
2. Select 'VideoLive Mail'.
3. Follow the on-screen instructions. You will need the serial number to complete the installation. This is printed on the CD box or the CD envelope.

7   Using the software

7.1   Obtaining images from the camera

7.1.1   Trust DV Power Video Utility

The TRUST Power Video Manager is the main program to play 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. These can then be saved on your computer.

7.1.2   Loading and saving photographs
1.   Connect the camera as described in chapter 5.3.
1.   Check whether the DV Disk option has been selected on the camera (see figure 7).
2.   Click on 'Start -> Programs -> TRUST 632AV LCD Power Video -> Power Video Manager'.
3.   Figure 9 will appear. The camera has now been configured so that you can edit the video clips, photographs and audio recordings which you have previously made.
4.   Click on ':DV folder' (13).
5.   Click on the 'DCIM' folder. The '100media' folder will appear.
6.   Click on the '100media' folder. The recordings will be displayed as icons (14). If you have taken a large number of photographs, these will be saved in different folders, such as 100media, 101media, 102media, etc.
7.   Double-click on a recording to play it.
8.   Select all the recordings to save them on your computer by clicking on 'Select All'. This is button 3.
9.   Click on the copy button (4) to save the recording(s) on your computer.
10.   Wait. All the selected recordings will be transferred to the album.

Item	Description	Function
1	Delete	Deletes the selected recording(s). Selected recordings have a red frame.
2	Status detector	Gives tips and indicates what the program is doing.
3	Select all	Selects all the recordings.
4	Make a copy	Copies the selected recording(s) to the computer.
5	Send mail	Sends the selected recordings by e-mail. Note: video recordings take a long time to send by e-mail.
6	Start slide show	Starts the slide show and activates buttons 7, 8, 9, 10 and 11.
7	Previous recording	The previous photograph will be visible.
8	Start. Start playing	Starts the slide show. You will be asked how long you wish to show each photograph.
9	Stop the show	Stops the slide show. Buttons 7, 8, 9, 10 and 11 are deactivated. The contact sheet will be visible again.
10	Pause	Pauses the slide show. It can be restarted from the same position by pressing start.
11	Next recording	The next photograph will be displayed.
12	Photo album	This contains all the recordings which have been saved on the computer.
13	Camera memory	This contains all the recordings which are saved on the camera.
14	Contact sheet	Here, you can select recordings for editing.
15	Resolution button	For activating the enlargement function to 3.3 Mpixel.

Table 11: Trust DV Power Video Manager used as a storage device. Use this table together with figure 9.

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7.1.3 Saving 3.3 Mpixel photographs

1. If you wish to save photographs with a resolution of 3.3 Mpix, follow the instructions given in chapter 7.1.2. Press the settings button (15, figure 9) before transferring the photographs to your computer.
2. A window will appear in which you can choose to enlarge the photographs.
3. Select 'Enlargement' and click on 'OK'.
4. When the photographs are transferred to your computer, they will be saved with a resolution of 3.3 Mpix.

You can only enlarge photographs taken in a resolution of 2 Mpix in this way. You cannot enlarge video recordings or photographs taken in a resolution of less than 2 Mpix. This function is intended for improving the quality of photographs printed in a format greater then 10 x 15 cm. Since the photograph is enlarged, it may appear as if the photograph is not as sharp on the computer monitor. The result of the printed photograph is often better. Although the resolution of the photographs is 3.3 Mpix, they are not as sharp as photographs taken with a (much more expensive) 3.3 Mpix resolution camera.

7.1.4 Using the camera's live function

See figure 10 and the table below for more information.

1. Connect the camera to your computer.
2. Select 'Live' from the camera's menu (see figure 8).
3. Click on 'Start -> Programs -> TRUST 632AV LCD Power Video -> Power Video Manager'.
4. Figure 10 will appear. The image will be displayed on the screen.
5. If necessary, use buttons 5 and 6 to alter the settings. The frequency in Europe is 50 Hz. The image is less distorted when the 'Flicker filter' function is enabled. The best setting for 'Bandwidth' is 6.
6. Press the record button (1, figure 10).
7. A window will appear in which you can specify whether the recording should have a time limit and how long this time limit should be. You can also alter the location and the file name.
8. Click on 'Save'. A window will appear which indicates that the camera is ready for use ('Capture').
9. Click on 'OK'. The recording will now start. If you have set a time limit, the recording will be stopped once the time limit has elapsed.
10. Press button 2 (see figure 10) to stop the recording. The recording has now been successfully made.

Item	Description	Function
1	Start recording	Starts recording the image which is visible on the screen (11).
2	Stop recording	Stops the recording.
3	Status screen	Indicates what the program is doing.
4	Take a snapshot	A photograph is taken of the current image.
5	Video format	Alters the resolution of the video image.
6	Video settings	Alters the image (for example, the brightness). Set the filter to 50 Hz for use in Europe. The setting for the bandwidth can be reduced to improve the response of the computer (gives a poorer image quality).
7	Start or stop playing the recording	Press this to stop playing the recording if you wish to transfer to the save mode.
8	More settings	Here, you can turn the 'Flicker filter' on and off. Turn the filter on if parts of the image

Item	Description	Function
		flicker.
9	Indicator for the save mode	This indicator is lit when the camera is in the save mode.
10	Indicator for the live mode.	This indicator is lit when the camera is in the live mode.
11	Video screen	Shows the image viewed by the camera.
12	Hide screen	Hides the screen, but does not close the program. It is recommended to first stop the image using button 7.
13	Close	Closes the program.

Table 12: Trust DV Power Video Manager used in the live mode. Use this table together with figure 10.

7.1.5   Opening saved photographs or video clips
1.   If you wish to connect the camera (this is not necessary), select the 'DV disk' mode (see figure 7).
2.   Click on 'Start -> Programs -> TRUST 632AV LCD Power Video -> Power Video Manager'.
3.   In the left-hand side of the screen (12), scroll to the location where you have saved the photographs and video recordings.
4.   The recordings will be visible as icons.
5.   Double-click on one of the recordings. The recording will now be opened in your default editing program or media player program.

Tip: *See the Help function provided with this program for more detailed information.*

7.1.6   Alternative method for transferring recordings from the camera

The TRUST 632AV LCD POWER VIDEO is visible in Windows as an extra removable disk when it is in the 'Storage medium' mode (see figure 7). Its use is as easy as moving a file. In contrast to other cameras, this camera, therefore, **does not** require a separate (TWAIN) driver. Download photographs using 'File – Open' or copy them to your hard disk.

1.   Take some photographs.
2.   Connect the camera to your computer's USB port using the USB cable provided.
3.   Wait a couple of seconds. The computer will detect the camera and the LCD screen will be turned on.
4.   Check whether the 'Storage medium' mode has been selected (see figure 7). This should already have been selected.
5.   Open 'My Computer'.
6.   Search for 'Removable Disk' and open it. A folder entitled 'DCIM' will be visible. If not, find a second 'Removable Disk' and open it.
7.   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.
8.   Double-click on the '100media' folder. The files will now be visible.
9.   Copy all the files to a suitable location on your hard disk (for example C:\My Recordings).
10. You can now edit these recordings as required.

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Note: *If you wish to enlarge photographs from the camera to a resolution of 3.3 Mpix, use the method described in chapters 7.1.2 and 7.1.3. The method described above only produces a maximum resolution of 2 Mpix.*

7.2   Ulead Photo Express 4

You can use this application to solve problems with the pictures, such as the red-eye effect, coloured 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.

Follow the instructions given below:

1.   Copy your photographs to your hard disk as described in chapter 7.1.2 or 7.1.6.
2.   Click on 'Start – Programs – Ulead Photo Express 4.0 SE – Ulead Photo Express 4.0 SE'. Figure 12 will appear. You will be in the 'Browse' mode.
3.   Find the folder containing your photographs in the left-hand side of the window.
4.   Click on this folder to view the contents. Your photographs will be visible in the main window as thumbnails.
5.   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.
6.   Click on 'Edit' at the top of the window and select an option. The most common options are included here.
7.   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 back-up on a CD-ROM using a CD-writer for protection against computer faults.*

7.3   Ulead Photo Explorer 7

You can use Ulead Photo Explorer 7.0 to easily 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. Follow the instructions below to use the TRUST 632AV LCD POWER VIDEO in Photo Explorer.

1.   Connect the camera to the computer using the USB cable.
2.   Select the 'Save' mode in the camera's menu (see figure 7).
3.   Start Ulead Photo Explorer.
4.   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.

5. Double-click on this. The 'DCIM' folder will be visible.
6. Double-click on this. The '100media' folder will be visible. This folder contains your photographs.
7. Double-click on this. Your photographs will slowly become visible. The window will now look like figure 13.
8. 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.
9. Use the 'Digital Camera Wizard' (8th 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.
10. See the program's Help function for more information.

Note: *The program has the option to publish the photographs on the Internet (if you have a connection to the Internet). 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 that they are free. Read the conditions for use first. Photograph share sites such as www.pbase.com and www.photo.net **do not** use your photographs for advertisements or other uses.*

7.4   VideoLive Mail

Use figure 14 and table 13 c with these instructions. To send multimedia e-mails, you must have a sound card, speakers and an Internet connection with an e-mail program. A video e-mail can be easily made and sent using the VideoMail Wizard.
1. Start the program by clicking on 'Start -> Programs -> Cyberlink VideoLive Mail 4.0 -> VideoLive Mail'. Figure 14 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 the 'Stop' button to finish the recording.
10. Click 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 settings of the video camera and the microphone.
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 13: Meaning of the components included in the program

7.5   DVD MovieFactory

This program can be used to quickly compose a video film and make it suitable for saving on a CD-ROM or DVD. You require a CD-writer or a DVD-writer to save the video on disk. You can also send the file via the Internet. If you have a CD-writer or a DVD-writer, you can create CD-ROM's and DVD's which can be played on most home DVD players.

1.   Start the program by clicking on 'Start -> Programs -> ULEAD DVD MovieFactory SE -> ULEAD DVD MovieFactory SE'. A window will appear once in which you must input the country you are located in or the video system.
2.   Select the bottom option and then select 'PAL'.
3.   Click on 'OK'. The main window will appear. Here you can select 'Capture Video' to record directly from a camcorder, 'Author Menu' to compose the video film and 'Burn Disc Images' to save the final result on a CD-ROM or a DVD (see figure 15).
4.   Select 'Capture Video'. A new window will appear.
5.   Select the 'Edit' tab. The video clips on the camera can now be added.
6.   Click on the folder icon in the bottom left-hand corner of the window. Find the files you wish to include in the video film. These can also be read directly

from the camera. To do so, connect the camera and select 'DV disk' (see figure 7).

7.	Select the video files to be used and click on 'Open'. The video clips will be visible in the window as icons.

8.	Select a video clip by clicking on it and play it to see if it is the correct video clip.

9.	If you wish, shorten the fragments by decreasing the length of the green line under the video using the slide bars.

10.	Place all the fragments in the correct order by clicking on them and dragging them to the correct location. You have now completed the editing.

11.	Select all the fragments to be included in the final film by clicking on them whilst pressing the CTRL key on your keyboard.

12.	Click on the 'Make Movie' button (bottom button of the 4 buttons in the top left-hand corner). A list of video formats will appear (see figure 16). The choice of video format depends on the use. Select VCD 352 x 288 (PAL) if it is to be saved on a CD-ROM which is to be played on a home player or select DVD 720 x 567 low quality (PAL) if it is to be saved on a DVD. Select one of the WMV formats if the video film is to be used on a website. Consider selecting MPEG-2 352 x 240 low quality NTSC if the video film is only to be played on a computer. After selecting a format, a window will appear in which you can specify a file name and a location for the final result.

13.	Input a name and specify a folder to save the file in.

14.	Click on 'Save'. All the video fragments will be joined together and converted into the chosen format.

15.	Wait until the file conversion has been completed. This can take a lot longer than it takes to play the video film (particularly for the MPEG-2 / DVD format). After the file has been converted, an extra clip will be visible with a CD icon above it. This is the whole film. The 'Export' window will now be visible.

16.	Play the entire file to check whether it is correct.

17.	If it was only the intention to create a video file, you have now finished. Continue if it is to be saved on a CD-ROM or DVD, or if it is to be sent via e-mail.

18.	Select the option for which the video film is intended. The following instructions assume you wish to make a VCD (VideoCD).

19.	Click on 'Create VCD title'. A new window will appear.

20.	Unselect 'Create scene selection menu' to make a simple standard VideoCD.

21.	Click on 'Next'. A test window will appear in which you can test the title to see whether it is all displayed and whether it works.

22.	Click on 'Next'. A window will appear in which you can copy the file to a CD-ROM.

23.	Follow the on-screen instructions to copy the file to a CD-ROM.

Tip:	*The instructions given above are only a very brief description of the program's options. See the Help file for more detailed information (press F1). For example, it is possible to make your VCD more accessible with an extra selection menu (VCD 2.0 format).*

## 7.6	Using the camera as a webcam (NetMeeting)

This is included in your version of Windows. You can download the latest version of NetMeeting by going to www.microsoft.com and searching under the headwords 'download netmeeting'. Version 3 is also included on the CD-ROM (\netmeeting).

1.	Make sure you have an Internet account installed and your speakers and microphone are connected before starting NetMeeting.

2.	Connect the camera to your computer.

3.	Select the 'Live' mode in the camera's menu (see figure 8).

4. Start NetMeeting (Start -> Programs -> Accessories -> Internet Tools -> NetMeeting)
5. Two windows will be opened, namely NetMeeting and your Dial-up connection
6. Fill in your user name and password and click on 'Connect' to connect to the Internet. A 'Dial Up Connection' window will appear if you use an external gateway, a cable modem or ADSL.
7. Once a connection has been made with the Internet, only the NetMeeting window will remain visible. The 'Dial-up Connection' window will disappear.
8. A number of settings should be made only once.
   Go to 'Tools -> Options…' and click on the 'Video' tab
9. To prevent a mirror image of your camera, do not select 'Show mirror image in preview video window'. Image settings, such as the image size and quality, can also be changed in this window. Click on 'OK' to save the new settings and return to the start window of NetMeeting. The once-only settings have now been completed.
10. Click on 'View' in the NetMeeting window and select 'My Video (New Window)'. An extra window ('My Video') will now be opened
11. Click on the 'Play' button (▶/II) to turn on your current video image. This image will also be seen by the person you make a NetMeeting connection with.
12. You are now ready to make a NetMeeting connection. Click on NetMeeting's telephone book icon. A new window will appear.
13. In the address bar, type an 'ils server name' (for example, ils.worldonline.nl) and click on 'Enter'.
14. Double-click on a person in the list. A NetMeeting connection will be made.
The person may not wish to make a connection with you, because this person may be communicating with somebody else. If this is the case, select somebody else from the list. You can find other 'ils servers' on the Internet. An example is: http://www.netmeetinghq.com. For more information or solutions to problems, click on 'Help' in NetMeeting's start window. This contains a description of all the functions available with NetMeeting.

Microsoft has started closing down its ILS servers. This will mean that you will only be able to use NetMeeting via MSN Messenger (an instant message program) which is included with most versions of Windows. You must register with Microsoft (to obtain a passport) before this program will work. See the MSN Messenger Help function for instructions on how to register. Other organizations have active ILS servers which can also be used.

Note: *When using NetMeeting and MSN Messenger, you may contact people who have different options to yourself. Do not allow children to use these programs unsupervised.*

Tip: *The image is usually sharper if the macro setting is turned on when using the camera for video conferencing (see chapter 4.6.5).*

7.7 Webcam & Internet
The camera can also be used as a webcam, for example, on your Internet page.
A number of informative sites about webcams are given below:
http://www.camarades.com
http://www.teveo.com
At these sites, you can download software that you can use to send live video images over the Internet.
Please refer to the sites concerned for information on how to install and use the software.

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8   Troubleshooting

Method
1.   Read the solutions given below.
2.   Check for up-to-date FAQ's, drivers and instruction manuals on the Internet (www.trust.com/13339)

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Problem	Cause	Possible solution
Windows does not detect a new device after connecting the camera.	The computer's USB port does not work.	Check the settings of your USB port. For more information, see www.trust.com/customercare/help/usb.
	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.
Where can I find the serial number for VideoLive Mail?	This is printed on the CD box or the CD envelope.	Find the original CD-ROM and look at the box or the envelope.
Error message 'Capture device was not detected' is displayed.	The camera has not been connected to a USB port.	Connect the camera to a USB port
	The camera is in the 'DV disk' mode.	Set the camera to the 'Live' mode (see figure 8).
	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.
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 www.trust.com.
	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.

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The camera is marked with an exclamation mark '!' in the Device Manager.	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 www.trust.com.
	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.
The camera's webcam mode does not work. The PC has a TV capture card.	There is a conflict between the camera and the TV card.	Carry out the following. 1) Remove the TV capture card. 2) Reinstall the camera. 3) Reinstall the TV capture card. If this does not work, try to reinstall the drivers for the TV card.
The camera does not do anything.	The batteries have been inserted incorrectly.	Reinsert the batteries (see chapter 4.3).
	The 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 is turned off.	Turn the camera on (see chapter 4.4).
	The batteries are empty.	Replace the batteries. This can be tested by connecting the camera to the USB port. Something must appear on the camera's LCD screen.
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.	NiCd batteries are used.	Use Alkaline or rechargeable NiMH batteries.
	The camera has not been used for more than 1 minute.	Turn the camera on again.
	The power in the batteries is low.	Replace the batteries.
The camera cannot be turned on or turns off immediately.	The mode button has not been pressed for long enough.	Press the button for at least 5 seconds.
	The batteries are empty.	Replace the batteries.

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The webcam image is not clear.	A low resolution is used.	Select the video format (320 x 200) (see chapter 7.1.4).
	The subject being filmed is very close by.	Select the macro setting (see chapter 4.6.5).
The recordings are not clear (hazy).	The camera was moved when recording.	Try to hold the camera still or use the stand.
	The macro setting is still selected whilst the distance to the object is a number of metres away.	Turn off the macro setting (see chapter 4.6.5).
	The distance to the subject is too short.	Increase the distance to the object to be photographed or select the macro setting (see chapter 4.6.5).
	There is insufficient light.	Improve the lighting.
No photograph is taken when the exposure button is pressed.	The camera is busy recording video or audio.	Stop recording.
	The camera menu is active.	Turn the menu off (see chapter 4.5).
	The memory is full.	Transfer photographs to your computer and delete them from the memory. You can take many more photographs using a (larger) CF card. Ask your dealer.
	The camera is still busy saving the previous photograph. The LED is lit.	Wait until the LED goes out.
There is no connection with the computer.	The camera has been connected incorrectly.	Reconnect the cables.
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 test program.

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A live recording gives a displaced image and the wrong colours.	An old version of DirectX is installed.	DirectX 8.0 is included on the Trust CD-ROM. This is installed automatically when the drivers are installed. Reinstall the drivers.
	Drivers for an old webcam are still installed.	Find these drivers and uninstall them (see chapter 5.1).
	More than one monitor has been configured for use on the desktop.	Select one monitor (Windows monitor settings) and try again.
	The VGA drivers need to be updated.	Download new VGA card drivers or contact the supplier of your VGA card.
	If a too high VGA resolution is used (for example, 1600 x 1200), it is possible that there is insufficient memory for the video overlay.	Set your VGA card to a lower resolution and colour depth (for example, 800 x 600 / 16 bits colours).
Photographs are discoloured on the monitor or when printed.	The background lighting is not white.	Change the lighting. If this does not help, use Photo Express to edit the colour.
	The monitor has not been set correctly.	Compare the photograph to other photographs (for example, on the Internet) where you known the colour is correct. Adjust your monitor correctly (see the instruction manual provided with your monitor).
	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.
	The paper used is unsuitable for printing photographs.	Use original paper from your printer manufacturer for the most reliable result.
Video images are jerky.	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.

The video recordings contain a lot of noise (snow).	There is insufficient light.	Improve the lighting or select a different location.
The sound is very low.	The distance to the sound source is too great.	Move closer.
	The volume of the computer's speakers is set very low.	Increase the speaker's volume.
	The microphone is blocked.	Make sure your fingers do not cover the microphone (5, figure 1).
Less recordings can be saved on the CF card than expected.	The card was not empty. The CF card already contains recordings from other cameras.	Format the CF card so that it is completely empty (Camera menu 8, figure 2).
	The recordings contain a lot of detail or noise.	If they contain noise, select a location with more light. If they contain a lot of detail, it is normal that less photographs or video clips can be taken.
The CF card cannot be used.	The CF card has been formatted in the wrong format.	Format the CF card in the camera. (Camera menu 8, figure 2). Do not format it in a card reader.
	The card has not been pressed into the slot firmly enough.	Press it firmly into the slot. The card must not protrude from the camera.
	The camera works, but is not visible.	Take some photographs. Remove the card from the camera. If the number of recordings on the display is zero, then the CF works correctly.
	The card is faulty.	Try to use the card in a different camera or use a different card.

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The TV connection does not work.	The cables have not been connected correctly.	Connect the cables correctly: yellow is for the image signal and white is for the sound signal.
	The camera is turned off.	Turn the camera on.
	The camera has been connected to the computer.	Disconnect the camera from the computer.
The photographs do not fit correctly into the photograph frame. White bars are always visible.	Most photograph frames are made for a 3:2 format used with traditional photographs. Digital cameras use a 4:3 format.	Select a different photograph frame or use the 'Crop' function in Photo Express supplied with the camera to alter the size to fit the frame.
There is noise in the photographs or the photographs are too dark.	The photographs are taken in dark surroundings.	Make sure there is enough light.
The photographs are overexposed.	The contrast in the subject is too great.	Change the lighting or take the photograph closer by or further away.
	The photographs were taken in bright sunlight.	Take photographs in shadow.
The problem is not listed here.	Check the Internet for the latest update of the camera Troubleshooter.	Go to www.trust.com/customercare/help/camera

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 article number. This is 13339.
- A good description of what does not work.
- A good description of when the problem occurs.
- Information about your computer: the Windows version and the language.
- Information about other devices which have been installed, such as scanners, other cameras, webcams, TV cards, video editing devices, etc.