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You can read the recommendations in the user guide, the technical guide or the installation guide for KODAK EASYSHARE C190. You'll find the answers to all your questions on the KODAK EASYSHARE C190 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual KODAK EASYSHARE C190
User guide KODAK EASYSHARE C190
Operating instructions KODAK EASYSHARE C190
Instructions for use KODAK EASYSHARE C190
Instruction manual KODAK EASYSHARE C190

KODAK EASYSHARE C190 Digital Camera



Extended user guide

www.kodak.com
For interactive tutorials:
www.kodak.com/go/howto
For help with your camera:
www.kodak.com/go/c190support



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Flash modes Auto Fill (Flash On) Flash fires When the lighting conditions require it. Every time you take a picture, regardless of the lighting conditions. Use when the subject is in shadow or is "backlit" (when the light is behind the subject). In low light, hold the camera steady or use a tripod. A preflash fires, shrinking the eye pupil, before the picture is taken. A preflash does not fire; the camera corrects red eye. Red Eye Preflash Your camera can correct red-eye using 2 methods. To choose a Digital red eye setting, see see Correction page 28. Off Never www.kodak.com/go/support

7 Taking pictures/videos Using different modes Turn the Mode dial to the mode that best suits your subjects and surroundings. Use this mode Smart Capture For General picture taking--it offers excellent image quality and ease of use. The scene is analyzed for other content and for lighting. You can choose the best picture size and aspect ratio for your needs--just press the Menu button and choose Picture Size. 3:2 (the best choice when making 4 x 6 prints) 16:9 (wide screen) 4:3 (the default setting) Capturing video with sound.

(See page 10.) Video NOTE: Sound cannot be played on the camera. Sound is heard after the video is transferred to your computer. Blur Reduction Reducing blur caused by camera shake or subject motion. Advanced picture taking--allows access to more manual settings than Smart Capture.

Close range. Use available light instead of flash, if possible. Subjects that are in motion. Point-and-shoot simplicity when taking pictures in practically any situation. (See page 9.) P Program Close-Up Sport Scene 8 www.kodak.com/go/support Taking pictures/videos Using Scene (SCN) modes Choose a Scene mode--for great pictures in practically any situation! 1 Turn the Mode dial to SCN. 2 Press to view scene mode descriptions. If the mode description turns off before you finish reading it, press OK.

3 Press OK to choose a Scene mode. SCN mode Portrait Landscape Flower Sunset Backlight For Full-frame portraits of people. Distant scenes. Close-ups of flowers or other small subjects in bright light. Subjects at dusk. Subjects that are in shadow or "backlit" (when light is behind the subject).



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Candle Light Subjects illuminated by candle light. Children Action pictures of children in bright light. Manner/ Quiet occasions, like a wedding or lecture. Flash and sound are disabled.

Museum Place the camera on a steady surface or tripod. Text Documents. Place the camera on a steady surface or tripod. Beach Bright beach scenes. Snow Bright snow scenes.

Fireworks Fireworks. Place the camera on a steady surface or tripod. Self-Portrait Close-ups of yourself. Assures proper focus and minimizes red eye. Night Portrait Reduces red eye of people in night scenes or low-light conditions.

Night Landscape Distant scenery at night. Flash does not fire. High ISO People indoors, in low-light scenes. Panorama "Stitching" 2 or 3 pictures into 1 panoramic scene. (See page 12.) (R-L, L-R) www.kodak.com/go/support 9 Taking pictures/videos Taking a video 1 Turn the Mode dial to Video . 2 Press the Shutter button completely down, then release it. To stop recording, press and release the Shutter button again.

To review and work with videos, see page 14. NOTE: Sound cannot be played on the camera. Sound is heard after the video is transferred to your computer. Us protected pictures/videos, remove protection before deleting. (See Protecting pictures/videos from deletion.) Using the undo delete feature If you accidentally delete a picture, you may be able to use Undo Delete to retrieve it. This feature is only available immediately after you delete a picture.

Protecting pictures/videos from deletion 1 Press the Review 2 Press button. for previous/next picture/video. button.

3 Press the Menu 4 Press to highlight Protect, then press OK. The picture/video is protected and cannot be deleted. The Protect icon appears with the protected picture/video. Press the Shutter button halfway down to return to Capture mode. IMPORTANT: Your camera offers a built-in Help system. See page 38. NOTE: Formatting internal memory or an SD or SDHC Card deletes all (including protected) pictures/videos. (Formatting internal memory also deletes email addresses and tag names. To restore them, see EASYSHARE Software Help.) www.kodak.com/go/support 15 Working with pictures/videos Viewing pictures/videos in different ways Viewing as thumbnails (multi-up) 1 Press the Review button.

The camera shows the last picture that was taken. 2 Press the Wide Angle (W) button to view pictures/videos as thumbnails. (Press it again to see more, smaller thumbnails.) To view all pictures/videos, highlight the All tab. To sort by favorites, date, or tagged pictures/videos, press and highlight the appropriate tab. 3 To see a single picture/video, press (T) button. to highlight it. Then press the Telephoto To select multiple pictures/videos, see Selecting multiple pictures/videos, page 16.

Press the Shutter button halfway down to return to Capture mode. Selecting multiple pictures/videos Use the multi-select feature when you have two or more pictures to print, transfer, delete, etc. Multi-select is used most effectively in Multi-Up mode, Viewing as thumbnails (multi-up), page 16. 1 Press the Review picture/video. button, then to find a Selected pictures 2 Press OK to select pictures/videos. A check mark appears on the picture. You can now print, transfer, delete, etc. the selected pictures. You can press OK a second time to remove a check mark. 16 www.kodak.com/go/support Working with pictures/videos Running a slide show Use Slide Show to display your pictures/videos on the LCD. 1 Press the Review 2

Press button, then press the Menu button. to highlight Slide Show, then press OK. 3 Press to highlight Begin Show, then press OK.

Each picture/video is displayed once. To interrupt the Slide Show, press OK. IMPORTANT: Your camera offers a built-in Help system. See page 38.

Displaying pictures/videos on a television You can display pictures/videos on a television, computer monitor, or any device equipped with a video input. To connect the camera directly to a television, use an A/V cable (may be sold separately). Purchase accessories www.kodak.com/go/c190accessories NOTE: Ensure that the Video Out setting (NTSC or PAL) is correct (see page 29). The slide show stops if you connect or disconnect the cable while the slide show is running. (Image quality on a television screen may not be as good as on a computer monitor or when printed.) www.kodak.com/go/support 17 Working with pictures/videos Using the menu button in review 1 Press the Review 2 Press button, then the Menu button. to highlight a tab: Review to view and share pictures/videos Edit to edit pictures/videos Setup to control how your camera operates (see page 28).

to highlight a setting, then press OK. 3 Press 4 Highlight an option, then press OK. IMPORTANT: Your camera offers a built-in Help system. See page 38. 18 www.kodak.com/go/support Working with pictures/videos Cropping pictures You can crop a picture so that only the desired portion of the picture remains. 1 Press the Review picture to crop. Picture button, then to find a Cropped picture 2 Press the Menu button, then to highlight the Edit tab. Highlight Crop, then press OK.

to move the crop box. Press OK. 3 Press Telephoto (T) to zoom in, or 4 Follow the screen prompts. The picture is cropped. (The original is saved.)

) Cropped pictures cannot be cropped again on the camera. Press the Shutter button halfway down to return to Capture mode. IMPORTANT: Your camera offers a built-in Help system. See page 38. Using KODAK PERFECT TOUCH Technology KODAK PERFECT TOUCH Technology helps ensure better, brighter pictures.

1 Press the Review button, then for previous/next picture. 2 Press the Menu button, then to highlight the Edit tab. Highlight PERFECT TOUCH Tech, then press OK. The enhancement is previewed. Press to view other parts of the picture. 3 Press OK. Follow the screen prompts to replace the original picture or to save the enhanced picture as a new one. Press the Shutter button halfway down to return to Capture mode. NOTE: You cannot apply PERFECT TOUCH Technology to videos or to pictures to which PERFECT TOUCH Technology is already applied. www.kodak.com/go/support 19 Working with pictures/videos Rotating pictures You can rotate a picture to portrait or landscape orientation. 1 Press the Review 2

Press the Menu 3 Press button, then button. Press to find the previous/next picture. to highlight the Edit tab. to highlight Rotate Picture, then press OK. 4 Press to highlight an option: Rotate Right--rotates the picture 90 degrees clockwise. Rotate Left--rotates the picture 90 degrees counterclockwise. 5 Press OK. Press the Shutter button halfway down to return to Capture mode.

IMPORTANT: Your camera offers a built-in Help system. See page 38. Copying pictures/videos You can copy pictures/videos from a card to internal memory or from internal memory to a card. Copy pictures/videos: 1 Press the Review 2 Press the Menu button. button, then to highlight the Edit tab.



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3 Press to highlight Copy, then press OK. Highlight a choice, then press OK. NOTE: Pictures/videos are copied, not moved. To remove pictures/videos from the original location after copying, delete them (see page 15). 20 www.

kodak.com/go/support Working with pictures/videos Editing videos You can do incredible things with your videos! Making a picture from a video You can choose a single frame from a video, then make a picture suitable for a 4 x 6-inch (10 x 15 cm) print. 1 Press the Review video. Picture button, then to find a Video 2 Press the Menu button, then to highlight the Edit tab. Highlight Make Picture, then press OK. 3 Follow the screen prompts. A picture is created. (The original video is saved.) Press the Shutter button halfway down to return to Capture mode. IMPORTANT: Your camera offers a built-in Help system.

See page 38. *Trimming a video You can remove an unwanted start or end from a video, saving only the desired portion. 1 Press the Review video. button, then to find a Video Trimmed video 2 Press the Menu button, then to highlight the Edit tab. Highlight Trim, then press OK. 3 Follow the screen prompts. The video is trimmed. (You can save it as a new video or replace the original.) Press the Shutter button halfway down to return to Capture mode. www.*

kodak.com/go/support 21 Working with pictures/videos Making a video action print From a video, you can make a 9-up picture, suitable for a 4 x 6-inch (10 x 15 cm) print. 1 Press the Review video. 9-up picture button, then to find a Video 2 Press the Menu button, then to highlight the Edit tab. Highlight Action Print, then press OK.

3 Highlight an option, then press OK. Auto: The camera includes the first and last frames, then 7 equally spaced frames. Manual: Choose the first and last frames; the camera chooses 7 spaced frames. A 9-up picture is created. Press the Shutter button halfway down to return to Capture mode.

IMPORTANT: Your camera offers a built-in Help system. See page 38. 22 *www.kodak.com/go/support Working with pictures/videos Understanding the review icons Video duration Print tag/number of prints Protected Email mark Picture/Video number Select picture Shortcuts* Add text tag View thumbnails Play video Upload mark Favorite mark Text tag name Battery level Date stamp * For more about shortcuts, see page 10. www.kodak.com/go/support 23 4 Doing more with your camera IMPORTANT: Your camera offers a built-in Help system. To get the most from your camera, see page 38. Using the menu button to change settings You can change settings to get the best results from your camera.*

NOTE: Some modes offer limited settings. Some settings remain until you change them; others, until you change modes or turn off the camera. 1 Press the Menu 2 Press button. to highlight a tab: Capture/Video for the most common picture/video-taking settings Setup for other camera settings to highlight a setting, then press OK. .) 3 Press 4 Highlight an option, then press OK. (Some options let you use Using the capture tab Press Menu, , Picture-taking Options, and OK to access IMPORTANT: Your camera offers a built-in Help system. settings See page 38. Exposure Compensation Make a picture lighter or darker. (Available in Smart Capture mode.

) To use a shortcut, see page 10. Picture Size Choose a picture resolution. 0.0, +/-0.3, +/-0.7, +/-1.0, +/-1.3, +/-1.7, +/-2.0 See Camera specifications, page 44.

24 *www.kodak.com/go/support Doing more with your camera Press Menu, , Picture-taking Options, and OK to access IMPORTANT: Your camera offers a built-in Help system. settings See page 38. Focus Mode Auto--for general purposes. @@area of focus for pictures. Infinity--for distant subjects. Burst Off Take up to 3 pictures in quick On--press the Shutter button halfway to focus and set succession. exposure. Press the Shutter button completely down and hold it to take pictures.*

Self-timer 10 seconds--picture is taken after a 10-second delay (so you Take picture(s) after a timed have time to get into the scene). delay. 2 seconds--picture is taken after a 2-second delay (for a steady, shutter release on a tripod). 2 shot--first picture is taken after a 10-second delay. A second picture is taken 8 seconds later. Long Time Exposure None Choose how long the shutter 0.5, 1.0, 2.0, 4.0, 8.

0 seconds stays open. Color Mode High Color Choose color tones. Natural Color Unavailable in Video mode. Low Color Black & White Sepia NOTE: EASYSHARE Software also lets you change a color picture to black-and-white or sepia. www.

kodak.com/go/support 25 Doing more with your camera Press Menu, , Picture-taking Options, and OK to access IMPORTANT: Your camera offers a built-in Help system. settings See page 38. AF Control (Still) Continuous AF--because the camera is always focusing, Choose an auto focus setting. there is no need to press the Shutter button halfway down to focus.

Single AF--uses TTL-AF (through-the-lens auto focus) when the Shutter button is pressed halfway down. White Balance Auto--automatically corrects white balance. Ideal for general picture taking. Choose your lighting condition. (Available in Smart Daylight--for pictures in natural lighting. Capture mode.) Tungsten--corrects the orange cast of household light bulbs. Ideal for indoor pictures under tungsten or halogen lighting without flash. Fluorescent--corrects the green cast of fluorescent lighting. Ideal for indoor pictures under fluorescent lighting without flash.

Open Shade--for pictures in shade in natural lighting. Face Detect Capture Choose if faces get focus priority. Exposure Metering Evaluate light levels at specific areas of a scene. On--in SCN modes designed for pictures of people, the camera attempts to focus on faces. @@Ideal for general picture taking. @@Ideal for backlit subjects. @@@@Ideal for general picture taking. area of focus. Center-Zone--evaluates the small area centered in the lens. Ideal when you need precise focus.

ISO Speed See Camera specifications, page 44. Control the sensitivity of the camera sensor. Sharpness Sharp Control picture sharpness. @@settings See page 38. Video Size Choose a video resolution.

Self-timer Take picture(s) after a timed delay. @@@@area of focus. @@@@If not, the camera uses internal memory. @@New Tag--create a tag. Delete Tag--delete a tag.

@@@Image Storage Choose a storage location for pictures/videos. Set Tag Create tag names and assign them to pictures/videos. @@picture is taken. @@See page 38. Camera Sounds Choose sound effects. @@@@external device. Language Reset Camera Reset settings to their default. Format Memory Card--deletes everything on the card; formats the card. CAUTION: Cancel--exits without making a change. @@Choose your language.

protected. Removing a card during formatting may damage the card. About View camera information. *www.kodak.com/go/support 29 5 Transferring, printing, tagging CAUTION: Before connecting any cables, install the software that was included with your camera.*



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Failure to do so may cause the software to load incorrectly. Installing the software 1 Close all open software applications before starting the installation. NOTE: If running WINDOWS OS and installing EASYSHARE Software from the Kodak Web site, do not close the WinZip application. If prompted, allow EASYSHARE Software to access the Internet.

2 Place the KODAK EASYSHARE Software CD into the CD-ROM drive. 3 Load the software: WINDOWS OS--if the install window does not appear, choose Run from the Start menu and type d:\setup.exe where d is the drive letter that contains the CD. MAC OS X--double-click the CD icon on the desktop, then click the Install icon. 4 Follow the on-screen instructions to install the software.

NOTE: When prompted, register your camera and software. Registering lets you sign up for information that keeps your system up-to-date. To register later, visit www.kodak.com/go/register.

5 If prompted, restart the computer. Software help Click the Help button in EASYSHARE Software 30 www.kodak.com/go/support Transferring, printing, tagging Transferring pictures/videos Using the USB cable 1 Turn off the camera. 2 Connect KODAK USB Cable, Model U-8. 3 Turn on the camera. Purchase accessories Learn more about connecting Software help www.kodak.com/go/c190accessories www.kodak.com.

www.kodak.com/go/howto Click the Help button in EASYSHARE Software www.kodak.com/go/support 31 Transferring, printing, tagging Printing pictures Direct printing with a KODAK All-in-One Printer Your camera is compatible with PICTBRIDGE Technology, so you can print directly to PICTBRIDGE enabled Printers. You need a camera with charged batteries, a PICTBRIDGE enabled Printer, and a USB cable. Connecting the camera to a KODAK All-in-One Printer 1 Turn off the camera and printer. 2 Connect the appropriate USB cable from the camera to the printer. Printing from a KODAK All-in-One Printer 1 Turn on the printer. Turn on the camera. The PictBridge logo is displayed, followed by the current picture and menu. (If no pictures are found, a message is displayed.)

) If the menu turns off, press any button to redisplay it. 2 Highlight a printing option, then press OK. Current Picture--Press to choose a picture. Choose the number of copies. Tagged Pictures--If your printer is capable, print pictures that you tagged for printing and choose a print size.

Index Print--Print thumbnails of all pictures. (This option requires one or more sheets of paper.) If the printer is capable, choose a print size. All Pictures--Print all pictures in internal memory or on a card. Choose the number of copies.

Image Storage--Access Auto or Internal Memory. NOTE: During direct printing, pictures are not permanently transferred or saved to the printer. To transfer pictures to your computer, see page 31. Purchase accessories www.kodak.com/go/c190accessories 32 www.kodak.com/go/support Transferring, printing, tagging Disconnecting the camera from a KODAK All-in-One Printer 1 Turn off the camera and printer. 2 Disconnect the USB cable from the camera and the printer. Using a printer that is not PICTBRIDGE enabled After you transfer pictures from the camera to your computer, you can print them from EASYSHARE Software.

For details, see Help in EASYSHARE Software. Ordering prints online KODAK Gallery (www.kodakgallery.com) is one of the many online print services offered in EASYSHARE Software. You can easily: Upload your pictures. Edit, enhance, and add borders to your pictures. Store pictures, and share them with family and friends. Have prints, photo greeting cards, frames, and albums delivered to your door. Printing from an optional SD or SDHC Card Automatically print marked pictures when you insert your card into a printer with an SD/SDHC Card slot. See your printer user's guide for details.

Make prints at an SD/SDHC Card-capable KODAK Picture Kiosk. (Contact a location prior to visiting. Visit www.kodak.com/go/picturemaker.)

) Take the card to your local photo retailer for professional printing. www.kodak.com/go/support 33 Transferring, printing, tagging Marking your pictures You can mark your pictures so they are easy to: Print Email Organize as a favorite Organize with a name that you create Marking pictures for printing 1

Press the Review 2 Press the Menu 3 Press button. Press button.

Press to locate a picture. to highlight Print, then press OK. to select the number of copies. Optional: You can apply a print quantity to other pictures. Press for previous/next. Press to change the print quantity. Repeat this step until the desired print quantity is applied to the pictures. 4 Press OK. The Print icon appears in the status area. Press the Shutter button halfway down to return to Capture mode.

IMPORTANT: Your camera offers a built-in Help system. See page 38. Printing marked pictures When you transfer the marked pictures to your computer, the EASYSHARE Software print screen opens. For details on printing, see Help in EASYSHARE Software. 34 www.kodak.com/go/support Transferring, printing, tagging Marking pictures/videos for emailing It's simple to mark pictures so that they're ready to email using KODAK EASYSHARE Software. First, create a new email address. (See "Add a new email address" on page 35.) 1 Press the Review 2 Press the Menu 3 Press button.

Press button. Press to locate a picture, then press OK. to highlight Email, then press OK. to locate an email address, then press OK. To mark other pictures/videos with the same address, scroll through them.

When the desired picture/video is displayed, press OK. To send the pictures/videos to more than one address, repeat step 3. To remove a selection, highlight a checked address and press OK. To remove all email selections, highlight Clear All, then press OK. Press the Review button to return to Capture mode.

The Email icon appears in the status area. When you transfer the marked pictures/videos to your computer, EASYSHARE Software prompts you to send the pictures/videos. For details, see Help in EASYSHARE Software. Add a new email address 1 Press the Review 2 Press 3 Press button, then the Menu button. to highlight Email, then press OK. to highlight New Email, then press OK. Use the on-camera keyboard, then press OK. The email address is now available.

IMPORTANT: Your camera offers a built-in Help system. See page 38.

www.kodak.com/go/support 35 Transferring, printing, tagging Making your pictures/videos easier to locate Marking pictures/videos as favorites To make your pictures/videos easier to locate in EASYSHARE Software, you can mark them as favorites. (Depending on your computer's operating system and software suite, favorites might also be recognized outside of EASYSHARE Software.) 1 Press the Review button, then to locate a picture/video. 2 Press the Share button. The favorite mark appears with the picture. When you transfer these pictures/videos to your computer, EASYSHARE Software opens and categorizes your pictures/videos with a 5-star rating.



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(To configure the Share button in different ways, see page 28.) Assigning other tags to pictures/videos To make your pictures/videos easier to locate in EASYSHARE Software, you can assign text tags.

(Depending on your computer's operating system and software suite, tag names might also be recognized outside of EASYSHARE Software.) First, create a new tag name. (See "Add a new tag name" on page 37.) 1 Press the Review 2 Press the Menu button, then locate a picture/video. button. 3 Highlight Tag, then press OK. 4 Highlight a tag name, then press OK. To assign the tag to other pictures, press to locate a picture, then press OK. The tag name appears with the picture. To remove a selection, highlight a tag name and press OK.

To remove all tag selections, highlight Clear All, then press OK. When you transfer the tagged pictures/videos to your computer, EASYSHARE Software opens and categorizes your pictures/videos with the appropriate tag. IMPORTANT: Your camera offers a built-in Help system. See page 38. 36 www.kodak.com/go/support Transferring, printing, tagging Add a new tag name 1 Press the Review 2 Press 3 Press button, then the Menu button. to highlight Tag, then press OK. to highlight New Tag, then press OK. Use the on-camera keyboard, then press OK.

The name is now available. IMPORTANT: Your camera offers a built-in Help system. See page 38. Assigning a tag to pictures/videos you take next Use the Set Tag feature to assign a tag name to the next pictures/videos you take. First, create a new tag name. (See "Add a new tag name" on page 37.) 1 Press the Menu button. 2 Highlight the Setup tab. 3 Highlight Set Tag, then press OK. 4 Highlight a tag name, then press OK.

The selected tag is displayed on the LCD. The tag is applied to new pictures/videos. Press the Shutter button halfway down to return to Capture mode. When you transfer the tagged pictures/videos to your computer, EASYSHARE Software opens and categorizes your pictures/videos with the appropriate tag.

IMPORTANT: Your camera offers a built-in Help system.

See page 38. www.kodak.com/go/support 37 6 Getting help Getting help from your camera You want the most from your camera. You want to understand: What it can do for you And how to take the best possible pictures and videos Great news! Your camera offers a built-in Help system.

It describes every setting for every menu choice. If you learn nothing else about your camera, learn how to use on-camera Help. Because the more you know your camera, the more confident you become! Turning on camera Help 1 Press the Menu button then highlight a menu choice. 2 Press the Info button. Scroll through a Help topic. 38 www.kodak.com/go/support Getting help Troubleshooting Camera problems Status Camera does not turn on/off, buttons and controls do not function In Review, a blue or black screen is displayed instead of a picture Solution Make sure the batteries have a charge and are installed correctly (see page 2). Turn the camera off, then on again. Transfer all pictures to the computer (see page 31).

Take another picture. Pictures remaining Continue taking pictures. The camera is operating normally. number does not (The camera estimates the number of pictures remaining after each decrease after taking a picture is taken, based on picture size and content.) picture Flash does not fire Check the flash setting, and change as needed (see page 7). NOTE: The flash does not fire in all modes. Memory card is almost full Transfer the pictures to the computer (see page 31). or entirely full Delete pictures from the card (see page 15) or insert a new card. Battery life is short Make sure the correct battery type is installed (see page 48). Wipe the contacts with a clean, dry cloth before inserting a battery in the camera.

Insert new or charged batteries (see page 2). You cannot take a picture Turn the camera off, then on again. Depress the Shutter button all the way (see page 5). Insert new or charged batteries (see page 2). Memory is full.

Transfer pictures to the computer (see page 31), delete pictures (see page 15), or insert another card. www.kodak.com/go/support 39 Getting help Status Solution Memory card not Card may be corrupted. Format the card in the camera (see page 29).

recognized or camera freezes with card Use another memory card. Only SD or SDHC Cards are supported. Cannot find the desired picture/video To view pictures on a card or in internal memory, see page 14. Computer/connectivity problems Status Pictures do not transfer to computer Slide Show does not run on an external video device Computer does not communicate with the camera Solution See Help in EASYSHARE Software. Adjust the camera Video Out setting to NTSC or PAL (see page 29). Make sure the external device settings are correct. (See the device's user's guide). (see page 2). Make sure the batteries have a charge and are installed correctly Turn on the camera. Make sure the USB cable model U-8 is connected to the camera and the computer (see page 31).

Make sure EASYSHARE Software is installed (see page 30). 40 www.kodak.com/go/support Getting help Picture quality problems Status Picture is not clear Solution To automatically set exposure and focus, press the Shutter button halfway. When the framing marks turn green, press the Shutter button completely down to take the picture. Clean the lens (see page 46). Make sure the camera is not in Macro mode if you are more than 27.6 in. (70 cm) from your subject. Place the camera on a flat, steady surface or use a tripod (especially in high-zoom settings or in low light).

Picture is too dark Reposition the camera for more available light. Use Fill flash (see page 7) or change your position so light is not behind the subject. Move so that the distance between you and the subject is within the effective flash range. (See camera specifications starting on page 44.) To automatically set exposure and focus, press the Shutter button halfway.

When the framing marks turn green, press the Shutter button completely down to take the picture. In Smart Capture mode, adjust the Exposure Compensation (see page 24). Picture is too light Reposition the camera to reduce the amount of available light. Turn the flash off (see page 7). Move so that the distance between you and the subject is within the effective flash range.

(See camera specifications starting on page 44.) To automatically set exposure and focus, press the Shutter button halfway. When the framing marks turn green, press the Shutter button completely down to take the picture. In Smart Capture mode, adjust the Exposure Compensation (see page 24).

www.kodak.com/go/support 41 Getting help Direct printing (PICTBRIDGE enabled Printer) problems Status Cannot find the desired picture Solution Use the Direct printing menu to change the image storage location. The Direct printing Press any camera button to redisplay the menu.



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menu interface turns off Cannot print pictures Make sure there is a connection between the camera and the printer (see page 32). Make sure the printer and the camera have power.

Camera or printer display an error message Follow the prompts to resolve the issue. 42 www.kodak.com/go/support Getting help Getting help on the Web Email, write, or phone Kodak Get support for your product (FAQs, troubleshooting information, arrange for repairs, etc.) Purchase camera accessories (lenses, cards, etc.) Download the latest camera firmware and software See online demonstrations of your camera Register your camera Get information on EASYSHARE Software Get help with the WINDOWS Operating System and working with digital pictures Get support for cameras, software, accessories, more Get information on KODAK Inkjet Products Optimize your printer for truer, more vibrant colors www.kodak.com/go/contact

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Camera specifications CCD--1/2.

33-type, 12 MP Effective pixels--12.3 MP (4096 x 3016) LCD--6.9 cm (2.7 in.), 230K pixels Image storage--Optional SD/SDHC Card (The SD logo is a trademark of the SD Card Association.) Maximum supported card size: 32 GB Internal storage capacity--32 MB internal memory (17 MB available for image storage. 1 MB equals one million bytes.) Taking lens--5X optical zoom; f/3.0f/4.8; 35 mm equivalent: 35175 mm Lens protection--Built-in Digital zoom--5X continuous Focus system--TTL-AF (through-the-lens auto focus); Auto: Multi-Zone, Center-Zone.

Working range: 60 cm (23.6 in.)infinity @ wide, normal 90 cm (35.4 in.)infinity @ telephoto, normal 1070 cm (3.

927.6 in.) @ wide, Macro mode 80100 cm (31.539.4 in.

) @ telephoto, Macro mode 10 m (32.8 ft)infinity @ wide, Landscape mode Auto focus control--Still: Continuous and Single AF (Multi-zone, Center zone) Face detection--Up to 5 faces Shutter speed--81/1400 seconds (Long Time Exposure: 0.58 seconds) ISO speed--Auto: 64400 Manual: 64, 100, 200, 400, 800, 1600 44 www.kodak.com/go/support Appendix Exposure metering--TTL-AE; Multi-Pattern, Center-Weight, Center-Spot Exposure compensation--+/2.0 EV with 1/3 EV step White Balance--Auto, Daylight, Tungsten, Fluorescent, Open Shade Electronic Flash--Auto flash; Auto, Fill, Red Eye, Off; Guide No. 6.8; working range @ ISO 200: 0.63.2 m (210.

5 ft) @ wide; 0.92.0 m (36.6 ft) @ telephoto Burst mode--Maximum 3 pictures @ 2 fps; Auto Exposure, Auto Focus, Auto White Balance executed for first shot only Capture modes--Smart Capture, Program, Scene modes, Sport, Close-up, Blur Reduction, Video Image file format--Still: EXIF 2.21 (JPEG compression); file organization DCF Video: QUICKTIME (CODEC Motion JPEG-A; audio: PCM) Picture size-- 11.8 MP (4:3): 3968 x 2976 pixels 10.5 MP (3:2): 3968 x 2640 pixels 8.8 MP (16:9): 3968 x 2224 pixels 6.2 MP (4:3): 2880 x 2160 pixels 3.1 MP (4:3): 2048 x 1536 pixels 2.

2 MP (3:2): 1824 x 1216 pixels 2.1 MP (16:9): 1920 x 1088 pixels 1.2 MP (4:3): 1280 x 960 pixels Color modes--High Color, Natural Color, Low Color, Black & White, Sepia Sharpness modes--Sharp, Normal, Soft Video capture--4 GB maximum in VGA, QVGA VGA (640 x 480 @ 30 fps) QVGA (320 x 240 @ 30 fps) Video blur reduction--Yes www.kodak.com/go/support 45 Appendix Communication with computer--USB 2.

0 full speed (PIMA 15740 protocol); via USB cable model U-8 Video output--NTSC or PAL Microphone--Yes Beeper--Yes PICTBRIDGE Support--Yes Power--KODAK Oxy-Alkaline Digital Camera Batteries AA; KODAK MAX Alkaline Battery AA; KODAK Ni-MH Pre-Charged Rechargeable Digital Camera Batteries AA; KODAK Ni-MH Rechargeable Digital Camera Batteries AA Tripod mount--1/4 inch Size--93.9 x 64.5 x 29.5 mm (3.7 x 2.

5 x 1.2 in.) @ power off Weight--129 g (4.6 oz) without card or batteries Operating temperature--040° C (32104° F) Care and maintenance If you suspect water has gotten inside the camera, remove the batteries and card. Allow all components to air-dry for at least 24 hours before using the camera. Blow gently on the lens or LCD to remove dust and dirt. Wipe gently with a soft, lint-free cloth or an untreated lens-cleaning tissue. Do not use cleaning solutions unless designed specifically for camera lenses. Do not allow chemicals, such as suntan lotion, to contact painted surfaces. Service agreements may be available in your country.

Contact a dealer of KODAK Products for more information. For digital camera disposal or recycling information, contact your local authorities. In the US, visit the Electronics Industry Alliance at www.eiae.org or KODAK at www.kodak.com/go/c190support. 46 www.kodak.com/go/support Appendix Upgrading your software and firmware Download the latest versions of the software included on the KODAK EASYSHARE Software CD and the camera firmware (the software that runs on the camera).

Visit www.kodak.com/go/c190downloads. Storage capacities The LCD displays the approximate number of pictures (or minutes/seconds of video) remaining. For average SD Card capacities, visit www.kodak.com/go/SDcapacities. Actual storage capacity varies depending on subject composition, card size, and other factors. You may be able to store more or fewer pictures and videos. Favorites take up additional space in internal memory.

Important safety instructions CAUTION: Do not disassemble this product; there are no user-serviceable parts inside. Refer servicing to qualified service personnel. KODAK AC Adapters and Battery Chargers are intended for indoor use only. The use of controls, adjustments, or procedures other than those specified herein may result in exposure to shock and/or electrical or mechanical hazards. If the LCD breaks, do not touch the glass or liquid. Contact Kodak customer support. The use of an accessory that is not recommended by Kodak may cause fire, electric shock, or injury. For approved accessories, visit www.kodak.com/go/accessories. Use only a USB-certified computer equipped with a current-limiting motherboard.

Contact your computer manufacturer if you have questions. If using this product in an airplane, observe all instructions of the airline. When removing the batteries, allow them to cool; they may be hot. Follow all warnings and instructions supplied by the battery manufacturer. Use only batteries approved for this product to avoid risk of explosion. 47 www.kodak.com/go/support Appendix Keep batteries out of the reach of children. Do not allow batteries to touch metal objects, including coins. Otherwise, a battery may short circuit, discharge energy, become hot, or leak.

Do not disassemble, install backward, or expose batteries to liquid, moisture, fire, or extreme temperature.



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Remove the batteries when the product is stored for an extended period of time. In the unlikely event that battery fluid leaks inside the product, contact Kodak customer support. In the unlikely event that battery fluid leaks onto your skin, wash immediately with water and contact your local health provider. For additional health-related information, contact your local Kodak customer support.

Dispose of batteries according to local and national regulations. Visit www.kodak.com/go/kes. Do not charge non-rechargeable batteries.

For more information, see www.kodak.com/go/batteries. Battery replacement, battery life KODAK MAX Alkaline Battery, AA: >250 pictures KODAK Oxy-Alkaline Digital Camera Batteries AA: >350 pictures KODAK Ni-MH Pre-Charged Rechargeable Digital Camera Batteries AA: >500 pictures per charge KODAK Ni-MH Rechargeable Digital Camera Batteries AA: >500 pictures per charge Battery life per CIPA testing method. (Approx. number of pictures in Smart Capture mode.) Actual life may vary based on usage. 48 www.kodak.com/go/support Appendix Extending battery life Use power-saving features (see Using the setup tab, page 28).

Dirt on the battery contacts can affect battery life. Wipe the contacts with a clean, dry cloth before loading the batteries in the camera. Battery performance is reduced at temperatures below 41° F (5° C). When using your camera in cold weather, carry spare batteries and keep them warm. Do not discard cold batteries that do not work; when they return to room temperature, they may be usable. Limited warranty Kodak warrants its digital cameras and accessories (excluding batteries) to be free from malfunctions and defects in both materials and workmanship for the warranty period specified on your Kodak Product packaging. Retain the original dated sales receipt. Proof of purchase date is required with any request for warranty repair. Limited warranty coverage Warranty service is only available from within the country where the Products were originally purchased. You may be required to ship Products, at your expense, to the authorized service facility for the country where the Products were purchased.

Kodak will repair or replace Products if they fail to function properly during the warranty period, subject to any conditions and/or limitations stated herein. Warranty service will include all labor as well as any necessary adjustments and/or replacement parts. If Kodak is unable to repair or replace a Product, Kodak will, at its option, refund the purchase price paid for the Product provided the Product has been returned to Kodak along with proof of the purchase price paid. Repair, replacement, or refund of the purchase price are the sole remedies under the warranty. @@@@Kodak makes no other express or implied warranty for this product.

In the event that the exclusion of any implied warranty is ineffective under the law, the duration of the implied warranty will be the length of the express warranty period specified on your Kodak product packaging. The option of repair, replacement, or refund is Kodak's only obligation. Kodak will not be responsible for any special, consequential or incidental damages resulting from the sale, purchase, or use of this product regardless of the cause. Liability for any special, consequential or incidental damages (including but not limited to loss of revenue or profit, downtime costs, loss of the use of the equipment, cost of substitute equipment, facilities or services, or claims of your customers for such damages resulting from the purchase, use, or failure of the Product), regardless of cause or for breach of any written or implied warranty is expressly disclaimed. Your rights Some states or jurisdictions do not allow exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Some states or jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights, and you may have other rights which vary from state to state or by jurisdiction. Outside the United States and Canada In countries other than the United States and Canada, the terms and conditions of this warranty may be different. Unless a specific Kodak warranty is communicated to the purchaser in writing by a Kodak company, no warranty or liability exists beyond any minimum requirements imposed by law, even though defect, damage, or loss may be by negligence or other act. 50 www.kodak.com/go/support Appendix Regulatory compliance FCC compliance and advisory This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed or used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver; 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for additional suggestions. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulation. CE Hereby, Eastman Kodak Company declares that this KODAK Product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/E. www.kodak.com/go/support 51 Appendix China RoHS Russian GOST-R Eastman Kodak Company Rochester, NY 14650 Korean Class B ITE VCCI Class B ITE 52 www.kodak.com/go/support Appendix Waste Electrical and Electronic Equipment labeling/battery disposal In Europe: For human/environmental protection, it is your responsibility to dispose of this equipment and batteries at a collection facility established for this purpose (separate from municipal waste). For more information, contact your retailer, collection facility, or appropriate local authorities; or visit www.kodak.com/go/recycle.

Product weight: 129 g (4.6 oz) Australian C-Tick N137 Canadian DOC statement DOC Class B Compliance--This Class B digital apparatus complies with Canadian ICES-003.



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Observation des normes-Classe B--Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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