KODAK 1500 Intraoral Camera

User's Guide

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US Federal law restricts this device to sale by or on the order of a dentist. The Kodak 1500 intraoral camera is also marketed and sold as the STV Pro + intraoral camera.

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Authorized Representative:



Carestream Health France LES MERCURIALES 40. rue Jean Jaures 93176 BAGNOLET CEDEX France

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About This Guide

This guide documents the Kodak 1500 intraoral camera and contains the following messages to emphasize information or indicate potential risk to personnel or equipment:



Warning: Failure to heed this warning could result in damage to property or in bodily injury.



Caution: Points out procedures that you must follow precisely to avoid damage to the system or any of its components, yourself, or others.



Note: Provides additional information, such as expanded explanations, hints, or reminders.



Note to the User

To use and operate your software, you must follow the instructions contained in this guide.

Warning and Safety Instructions

When operating the Kodak 1500 intraoral camera, observe the following warning and safety instructions:

DANGER OF ELECTRIC SHOCK



This is an electrical unit. DO NOT expose it to water spray. Such action may cause an electric shock or a malfunction of the unit.

CAUTIONS:



- You are responsible for the operation and maintenance of this camera. Only qualified persons can operate this camera. They MUST have training to use the camera. When necessary, have a trained authorized service technician carry out inspection and maintenance operations.
- DO NOT place the computer and the peripheral equipment connected to it in the immediate vicinity of the patient. Leave at least 1.83 m distance between the patient and the equipment.
- See your computer installation guide for details of the data processing system, computer and screen. Leave a sufficient amount of clear space around the computer to ensure that it is properly ventilated.
- To obtain maximum image quality and visual comfort, position the screen to avoid direct light reflections from internal or external lighting.

- DO NOT place objects within the field of operation of the equipment.
- Disinfect any parts of the camera that come into contact with the patient and the operator after each patient has been exposed to the camera.
- Always use a new protective sheath for each patient.
- Turn off the camera before charging. Failure to do so will shorten the life of the battery.
- The surface temperature of the LED window can rise up to 39°C. Do not allow the window to come in contact with the patient's mouth for more than 10 minutes.
- When the camera is not in use, ensure that the ON/OFF button is set to OFF.
- Ask the patient to refrain from moving during the entire period of exposure.
- The power adapter is certified by IEC 60601-1. You MUST use the provided AC Mains adapter only.

Marking and Labeling Symbols



Type BF device symbol complying with the IEC 60601-1 standard

KODAK 1500 Intraoral Camera Overview

The Kodak 1500 intraoral camera is compliant with the requirements of the EEC and international medical standards.

The camera has been designed to carry out the following functions:

- Acquire still images and video
- Review images
- Store images

Camera Components

The camera is available in two models: wired and wireless. Although they look similar, the buttons and LEDs have different functions for different modes. The following illustrations describe the components and functions for wired and wireless models.

Wireless Camera

The wireless camera may be powered by a battery or a cable. If you use a cable, the functions of the LEDs and buttons are the same as those described for the wired camera.



Figure 1 Camera Components-Wireless

1	LED and Lens window	View white LEDs that illuminate the oral cavity.
2	Power On/Off button	Press 3 seconds to power on. Press 5 seconds to power off.
3	Battery Release button	Press button and pull battery out.
4	Shutter Release button	Press halfway down to perform auto focus. Press all the way down to capture an image. Press halfway down and release to return to video mode.
5	Battery indicator	Green indicates the battery is working properly; blinking orange indicates the battery is low.
6	Wi-Fi indicator	Solid blue indicates the connection is working properly; blinking blue indicates a communications problem.
7	Battery	Insert rechargeable cylindrical Lithium-ion battery into bottom of camera until it fits tightly in place.

Wired Camera



Figure 2 Camera Components-Wired

1	LED and Lens window	View white LEDs that illuminate the oral cavity.
2	Power On/Off button	Press 3 seconds to power on. Press 5 seconds to power off.
3	Cable Release button	Press button and pull cable out.
4	Shutter Release button	Press halfway down to perform auto focus. Press all the way down to capture an image. Press halfway down and release it to return to video mode.
5	Power indicator	Green indicates the camera is powered on; no light indicates the camera is powered off.
6	USB Connection indicator	Solid blue indicates the connection is complete; blinking blue indicates the connection is in progress.

7 Cable Insert cable into bottom of camera until it fits tightly in place.

Camera Holder Components

Place the camera in the holder when you are not using the camera. See "Setting up the Camera Holder" on page 18.



Figure 3 Camera Holder Components

- 1 Opening to fasten the holder securely to the surface
- 2 Adhesive tape

Note: After the camera is idle for 1.5 minutes, it goes into sleep mode. To use it again, pick it up or press the Shutter Release button. After the camera is idle for 1 hour, it shuts down.

Docking Station Components

The docking station provides connectivity and power for the camera. It lets you connect to a computer or a video monitor. The docking station contains the SD card slot and all of the connections for using the camera.



Figure 4 Docking Station Components

- 1 USB connector to camera
- 2 SD card socket

4

- 3 Power indicator: green = power normal; dark = no power
 - USB connection indicator (wired): blue = normal; blinking = not normal

Wi-Fi indicator (wireless): blue = normal; blinking = not normal

- 5 Antenna connector (wireless)
- 6 USB connector to computer
- 7 VGA connector
- 8 S-video connector
- 9 AV-out connector
- 10 Power DC-in connector
- 11 Footpedal connector (optional accessory)
- 12 DC-out connector (wireless)
- 13 Output switch: NTSC, PAL, S-Video, VGA

Charge Station Components

The charge station is used to charge the wireless camera and the additional battery at the same time or separately. You can use the charge station as a stand-alone unit or attach it to the docking station. The unit is used for wireless configuration only.



Figure 5 Charge Station Components

- 1 Camera port
- 2 Battery port
- 3 Battery charging indicator: green = charge complete; orange = charging
- 4 Power input

Note: If the camera is in the charge station for more than 1 hour, it shuts down.

System Components

The Kodak 1500 intraoral camera consists of a camera that captures video or still images when connected wirelessly or cabled to a computer or video monitor. If you use a computer, Kodak dental imaging software is required to view images. If you use a video monitor, additional software is not required.

Table 1 shows the system components for the Kodak 1500intraoral camera.

ltem	Description
a see	1 camera
a f	1 camera cable
6	2 rechargeable cylindrical Lithium-ion batteries (wireless)
	1 camera holder
	Disposable sheaths

Table 1 System Components









2 Acquisition Module Overview

Computer System Requirements

The computer must meet the following requirements:

- Intel Pentium IV, 1.8 GHZ or higher
- 512 MB RAM (1 G RAM for Windows Vista Ultimate, 32 bits)
- DVD drive
- Standard CRT/LCD monitor with a minimum of 1024 X 768 screen resolution
- Direct X 9.0c supporting video board
- USB 2.0 high-speed port

General Software Overview

The Kodak 1500 intraoral camera operates with the following software:

- Kodak dental imaging software, version 6.11 or higher
- Acquisition module

For more information, see the KODAK Dental Imaging Software Quick Start Guide.

KODAK Dental Imaging Software

The Kodak dental imaging software is a user-friendly working interface, which is the common imaging platform for all of our digital systems for dentistry.

KODAK Acquisition Module

The following windows and settings are used in the Kodak acquisition module.

Capture Window

The **Capture** window icon is located in the upper-left corner of the screen. Across the bottom of the window is a series of still thumbnail images of the entire exam.



Figure 6 Capture Window

1	Capture button	Displays the Capture window.
2	Preview screen	Displays either live video or captured images.
3	Captured Images	Displays or hides thumbnails of captured images and videos.
4	Delete button	Deletes an image.

- 5 **Done** button Loads images into the Kodak dental imaging software and closes the acquisition module.
- 6 **Record Video** Records video. button
- 7 Capture Still Captures still images. Image button
- 8 **Mirror** button Displays live video in mirror mode.
- 9 Camera model Identifies the camera model.
- 10 **Full Screen** Displays live video in full frame. button
- 11 Connection status Identifies the strength of the connection.
- 12 **Settings** Displays user-adjustable settings for the acquisition module and camera.

Settings



- Frequency Setting
 Selects the correct power frequency of your country.
- 2 Brightness Adjusts the brightness value from 1 to 7. Setting

3	Contrast Setting	Adjusts the contrast value from 1 to 7.
4	2-level capture button	Works as a 2-level button by default. You can change the Shutter Release button operation to work as a 1-level button by turning off this item.
5	Version	Displays the firmware versions of the docking station, camera, and acquisition software.

Review Window



Figure 7 Review Window

1	Review button	Displays the Review window.
2	Review screen	Displays a captured video or captured images.
3	Captured Images	Displays or hides thumbnails of captured images and videos.
4	Delete button	Deletes an image.

5	Done button	Loads images into the Kodak dental imaging software and closes the acquisition module.
6	Arrow buttons	Displays the next or previous images in the Review window.
7	Comment button	Displays the comment and tooth number functions.
8	Tooth Numbers input field	Input standard tooth numbers; use commas to separate the numbers.
9	Image Processing toolbar	See "Image Processing Toolbar."
10	Comments input field	Displays the comment function.

Image Processing Toolbar



Zoom In: Select to magnify the image or to switch viewing from 4-up to normal.



Zoom Out: Select to reduce the image or to switch viewing from normal to 4-up.



Mirror: Displays the image in Mirror mode.



Rotate: Rotates the image 90 degrees.



Brightness: Adjusts the brightness of the image.



Contrast: Adjusts the contrast of the image.



Reset: Adjusts all manual settings to the default settings.

3 Getting Started

Setting Up the KODAK 1500 Intraoral Camera

Refer to the System Component List and visually inspect the packages of the Kodak 1500 intraoral camera after the shipment is received. If there are any signs of damage or missing parts, contact the shipping company and Carestream Health, Inc. immediately.

Inserting the Battery into a Wireless Camera

To insert the battery into a wireless camera, hold the camera in one hand and push the battery into the bottom of the camera. Make sure the battery is locked into place.

To release the battery, press the Battery Release button and gently pull the battery out.



Figure 8 Inserting the Battery

Inserting the Cable into a Wired Camera

To insert the cable into a wired camera, hold the camera in one hand and insert the cable end into the bottom of the camera. Make sure the cable is locked into place.



Figure 9 Inserting the Cable

To release the cable, press the Cable Release button and gently pull the cable out.

Setting up the Camera Holder

To set up the camera holder, follow these steps:

- 1 Select a smooth, flat, accessible area.
- 2 Clean the surface.
- 3 Remove the double-sided tape protection from the support (2).
- 4 Place the taped side of the camera holder on the cleaned surface and press firmly several times. Leave for two hours.

You can also attach the camera holder with a screw through the hole in the top (1).



Figure 10 Top and Bottom Views of the Camera Holder



Setting up the Docking Station

To set up the docking station, follow these procedures.

Connecting the Docking Station to a Computer

To connect the docking station to a computer, follow these steps:

1 Connect the camera USB cable to the docking station (1).



- 2 Connect the computer USB cable to the docking station (2).
- 3 Connect the other end of the USB cable to the computer USB port.
- 4 Connect the DC power supply into the docking station (3).

5 Insert the DC power cord into the power outlet. The power indicator on the front of the docking station turns green.



Figure 11 Set-up for a Camera and a Computer

Connecting the Docking Station to a Video Monitor

To connect the docking station to a video monitor, follow these steps:

1 Using the switch on the bottom of the docking station, switch the output to the correct video output: NTSC, PAL, VGA, or S-video (1).



2 Insert the SD card into the socket on the front of the docking station. Without the SD card, or if the card is full, the docking station can store the last 12 images. When the card is inserted, the images are transferred automatically to the card.



3 Select the correct video cable and connect to the docking station: VGA (2), S-video (3), AV-out (4).



4 Connect the other end of the video cable to the monitor.

- 5 Connect the DC power supply to the docking station (5).
- 6 Connect the DC power cord to the power outlet. The power indicator on the front of the docking station turns green.



Figure 12 Set-up for a Camera and a Video Monitor

Status Icons





Sufficient Battery



Firmware Update Error



Firmware Update Successful



Firmware Update in Progress



No Connection between Docking Station and Camera



Connection between Docking Station and Camera via USB



(((•))) Connection between Docking Station and Camera via WiFi



WiFi Code is Successful



WiFi Code Error



SD Card is Not Inserted



SD Card is Inserted



SD Card is Full



SD Card is Saving Files - Do Not Remove Card



Error Saving File to Internal Flash or SD Card



Saving to Internal Flash or SD Card Successful



Internal Cache is Full

Setting up the Charge Station for a Wireless Camera

You can attach the charge station to the docking station, or you can use it as a stand-alone device placed on a counter. Make sure to place it in a clean, dry area free from any magnetic field. Use the following guidelines for charging the camera:

- The camera port charges the camera with a single battery assembled.
- The battery charging indicator is orange while charging is in progress and turns green when charging is finished.
- The battery port charges an additional battery.
- The power comes from the docking station or from the power adapter.
- It takes two hours to charge the battery fully.
- A fully charged battery typically lasts 45 minutes.

Connecting the Charge Station to the Docking Station

To connect the charge station to the docking station, follow these steps:

- 1 Remove the top cover from the docking station.
- 2 Place the charge station on top of the docking station. Verify the connections and align the section correctly.
- 3 Press into place.



Figure 13 Charge Station with Docking Station

Connecting the Antenna to the Docking Station

To connect the antenna to the docking station, screw the antenna into the connection on the right side of the docking station. Make sure the antenna is screwed tightly into the connection.



Figure 14 Docking Station with Antenna

Using the Charge Station as a Stand-Alone Device

The charge station may be used as a stand-alone device that is powered by a wall outlet.



Figure 15 Charge Station Alone

To use the charge station as a stand-alone device, follow these steps:

- 1 Connect the charge station power cable to the power input (1).
- 2 Connect the power plug to a wall outlet.
- 3 Insert the camera or battery into the charge station.



Figure 16 Camera in Charge Station

Pairing the Wireless Camera to the Docking Station

Typically, the wireless camera is paired, one camera to one docking station, before shipment. If more than one camera or docking station are purchased, they need to be paired by pressing the Power button and Shutter Release button together for approximately five seconds. The pairing is complete when a window opens in the **Acquisition** screen or the icon appears on the video monitor.

Using the Camera with a Protective Sheath

The protective sheath covers the camera and provides a sanitary shield for the patient. **Use a new sheath with each patient**. Always discard the sheath after each use. Extra protective sheaths are available from your dealer.

To use the protective sheath, follow these steps:

- 1 Make sure the window is clean by wiping it with a moist lint-free cloth or lens tissue.
- 2 Place the sheath, paper side down, on a flat surface.



- 3 With the camera window facing down, insert the camera all the way into the sheath between the sheath's white tab and paper backing (1).
- 4 Hold the sheath in place on the camera by gently pressing the white tab against the camera with your thumb or finger.
- 5 Pull the blue tab on the front of the sheath straight down away from the camera (2) until the paper backing is pulled away. Discard, leaving the clear plastic sheath on the camera.
- 6 Adjust the sheath if necessary. The end should be tight to prevent fogging or blurring of the image.

4 Acquiring, Reviewing, and Storing Images

You can acquire images using the camera and a video monitor or computer. With the computer and the acquisition module, you can manipulate, label, and store images on your computer.

Acquiring Images Using a Video Monitor

When you acquire images using the camera with a video monitor, you can view live video and captured images. You can store up to 12 images in the docking station or an additional 10000 images on the SD card in the docking station.

If you want to manipulate, label, or store images, move the images from the camera and the SD card to your computer, and then view them using the Kodak dental imaging software with the acquisition module or any software capable of viewing .jpg images.

To acquire images using a video monitor, follow these steps:

- 1 Turn the video monitor on.
- 2 Turn the camera on by pressing and holding the Power On button for at least 3 seconds until the green power indicator is illuminated.



Note: If you are using a wireless camera, verify the battery power level connection. See "KODAK 1500 Intraoral Camera Overview" on page 1.

- 3 Cover the end of the camera with a protective sheath. See "Using the Camera with a Protective Sheath" on page 30.
- 4 Hold the camera over the area you want to view. Live video appears on the video monitor.
- 5 Press the Shutter Release button on the camera to capture an image. The still image appears on the video monitor. See "KODAK 1500 Intraoral Camera Overview" on page 1.
- 6 Press the Shutter Release button on the camera half-way down and release it to view live video on the video monitor.
- 7 When the image capture is complete, remove and dispose of the protective sheath.

Acquiring Images Using a Computer

When you acquire images using the camera, a computer, the Kodak dental imaging software, and the acquisition module, you can view live video and captured images on your computer.

To acquire images using a computer, follow these steps:

- 1 Turn the computer on.
- 2 Turn the camera on by pressing and holding the Power On button for at least 3 seconds until the green power indicator illuminates. See "KODAK 1500 Intraoral Camera Overview" on page 1.
- 3 Open the Kodak dental imaging software on your computer.
- 4 Click the <u>vertice</u> button on the Kodak dental imaging toolbar. The acquisition module opens, displaying the **Capture** window.

5 Click the button in the acquisition module. The patient name displays in the upper-left of the window.



- 6 Cover the end of the camera with a protective sheath. See "Using the Camera with a Protective Sheath" on page 30.
- 7 Hold the camera over the area you want to view. Live video appears on the **Preview** screen in the **Capture** window.
- 8 To capture a still image, press the Shutter Release button. The **Acquisition** panel switches to the **Review** window, and the captured image is displayed in the **Preview** screen.
- 9 Press the Shutter Release button halfway down and release it to return to the **Capture** window and live video.
- 10 To record a video, click the **left** button in the **Capture** window. Click the red **Record** button **left** to stop video

recording.

11 Remove and dispose of the protective sheath when the image capture is complete.

(i)

Note: After the camera is idle for 1.5 minutes, it goes into sleep mode. To use it again, pick it up or press the Shutter Release button. After the camera is idle for 1 hour, it shuts down.

5 Maintenance

Perform the following maintenance activities on your camera and accessories regularly.

Hygiene and Disinfection

The camera is delivered unsterilized. To ensure maximum hygienic safety for the patient, carefully follow the instructions in this user's guide to prepare the camera for use.

After each patient, the camera must be thoroughly disinfected.

Note: If the camera is visibly soiled, it must be thoroughly cleaned prior to disinfecting.

 (\mathbf{i})

Note: The disinfectant should be approved by the applicable competent authority for use on a dental medical device.

To disinfect the camera, follow these steps:

- 1 Remove the protective sheath.
- 2 Use a clean, lint-free cloth to thoroughly wipe the camera with a disinfecting solution, being careful not to use too much liquid. Use an intermediate-level disinfectant with tuberculocidal activity, as recommended by the manufacturer of the disinfectant.

3 To adequately disinfect the camera, follow the disinfectant manufacturer's instructions for the appropriate contact time.



Caution: Do not use disinfectants containing phenolics or idophors, which will damage the surface coating.



Caution: Never put the camera in a sterilizing device or immerse it completely.

Maintenance

Perform the following maintenance activities.

Daily

Perform these activities daily on the camera and docking station.

Table 2 Daily Maintenance

Description	User Instructions and Precautions	Cautions
Decontamination and Disinfecting	 Prior to disinfectant remove all visible soil. Use a wipe to clean the camera. Do not rinse. Allow to dry in the open air. Read the Disinfectant Material Safety Data Sheet (MSDS) prior to use. 	Do not immerse the camera in a disinfecting liquid.

Monthly

Wipe the outer covers of the units with a soft, dry cloth.

Disposing of the Battery

The battery is a user-replaceable part ordered directly from the distributor or dealer. The battery comes inserted in a new camera bottom for easy installation into the camera. See "Inserting the Battery into a Wireless Camera" on page 17.



In the European Union, this symbol indicates that when a user discards this product, it must be sent to the appropriate facility for recovery and recycling.

Contact your local Carestream Health representative or access http://recycle.carestreamhealth.com for more information.

At the end of its useful life, properly dispose of the battery following all local regulations. Your community may offer a battery collection program. Check with program sponsors for participation details.

For information on disposal/recycling options in the European Union, see the European Portable Battery Association (EPBA) at http://www.epbaeurope.net/.

6 Troubleshooting

To troubleshoot a wired camera, see Table 3.

Table 3 Troubleshooting a Wired Camera

Camera with Wired Configuration		
Video Monitor	Problems	Causes and Solutions
	No image is displayed on the screen.	 Make sure the power indicator LED on the docking station is green. Make sure the power indicator LED on the camera is green. Make sure the correct port is used to connect the docking station and the monitor.
	Image is blurred.	 Make sure the lens is not fogged. Make sure the protective sheath is flattened against the lens and is placed properly (transparent side facing the lens).
	Colors are not true.	 Adjust the monitor contrast and brightness to change the colors.
Computer	Problems	Causes and Solutions
	No image is displayed on the screen.	 Make sure the power indicator LED on the docking station is green. Make sure the power indicator LED on the camera is green. Make sure the correct port is used to connect the docking station and the computer. Make sure the camera drivers are installed correctly.

Camera with W	lired Configuration (Continued)
Image is blurred.	 Make sure the lens is not fogged. Make sure the protective sheath is flattened against the lens and is placed properly (transparent side facing the lens).
Colors are no true.	 Check the camera configuration in the Kodak dental imaging software manual.
Camera focuses on sheaths durir auto focus process.	• During the auto focusing process, the camera momentarily focuses on the sheath, before focusing on the correct item.
Cannot enter tooth number Tooth numb e option.	 Make sure the correct country/region for the tooth number standard is selected in the KDIS menu: Options > Preferences > Imaging > Tooth numbering system > European (Default)/American.

Table 3 Troubleshooting a Wired Camera (Continued)



To troubleshoot a wireless camera, see Table 4 on page 41.

Camera with Wireless Configuration		
Video Monitor	Problems	Causes and Solutions
	No image is displayed on the screen.	 Make sure the power indicator LED on the docking station is green. Make sure the status of the Wi-Fi indicator in the camera and docking station are correct. Make sure the correct port is used to connect the docking station and the monitor.
	Image is blurred.	 Make sure the lens is not fogged. Make sure the protective sheath is flattened against the lens and is placed properly (transparent side facing the lens).
	Colors are not true.	Adjust the monitor contrast and brightness to change the colors.

Table 4 Troubleshooting a Wireless Camera

Camera with Wireless Configuration (Continued)			
Computer	Problems	Cau	uses and Solutions
	No image is displayed on the screen.	• • •	Make sure the power indicator LED on the docking station is green. Make sure the status of the Wi-Fi indicator in the camera is correct. Make sure the USB connection between the docking station and the computer is correct. Make sure the camera drivers are installed correctly.
	Image is blurred.	•	Make sure the lens is not foggd. Make sure the protective sheath is flattened against the lens and is placed properly (transparent side facing the lens).
	Colors are not true.	•	Check the camera configuration in the Kodak dental imaging software manual.
	Camera focuses on sheaths during auto focus process.	•	During the auto focusing process, the camera momentarily focuses on the sheath, before focusing on the correct item.
	Cannot enter tooth number in Tooth number option.	•	Make sure the correct country/region for the tooth number standard is chosen in the KDIS menu: Options > Preferences > Imaging > Tooth numbering system > European (Default)/American.

Table 4 Troubleshooting a Wireless Camera (Continued)

Table 5 Troubleshooting System Setup

Problem/Solution

Error message: ffdshow compatibility manager TW.exe

ffdshow compatibility manager	(This dialog will close in 10 seconds.)	
The application "TW.exe" has made an at This dialog is shown because this applicat blacklist. Your choice will be applied to both audio	ttempt to load ffdshow. tion is not listed in the ffdshow whitelist or and video, if both are used.	
\subset Don't use ffdshow. (just this once)		1. Select Use
○ Don't use ffdshow. (always)		ffdshow (always) and
C Use ffdshow. (just this once)		Don't show me
 Use ffdshow. (always) 		again.
Explanation		9 Click OK
ffdshow will behave as if it were not in	stalled.	2. CIICK UR .
l✔ Don't ask me again.	ОК	
	· · · · · · · · · · · · · · · · · · ·	

Live video does not work.

Display Properties ?X	of the graph correc
Drag the monitor icons to match the physical arrangement of your monitors.	To oot
1 ²	accele comp card, t steps:
Display. 1. (Multiple Monitors) on NVIDIA Quadro FX 1600M	1. Rig deskte
Screen resolution Less More 1920 by 1200 pixels	2. Clic tab.
Use this device as the primary monitor.	3. Clic
Identify Iroubleshoot Advanced	4. Clic Troub
OK Cancel Apply	

Make sure that the hardware acceleration computer ics card is set up ctly.

the hardware eration of the uter graphics follow these

ht-click the op window and Properties.

ck the Settings

- ck Advanced.
- ck the
- leshoot tab.

Table 5	Troubleshooting	System Setup	(Continued)
---------	-----------------	--------------	-------------

Problem/Solution	
(Multiple Monitors) and NVIDIA Quadr ? Color Management Image: Color Management Imagement Image: Color Management	 5. Set Hardware acceleration to FULL. 6. Select Enable write combining. 7. Click Apply.

Technical Features and Specifications

Table 6 provides the specifications for the Kodak 1500 intraoralcamera.

Power supply	DC 6 V, 2.5 A
Video signal	S-Video; TV (PAL, NTSC); VGA
Digital connection	USB 2.0 high speed; Wi-Fi 802.11 g
White balance	Automatic
Output impedance	75 ohm
Dimensions	Camera: 191 x 31 x 25 mm Docking station: 149 x 93 x 32 mm Charge station: 92 x 58 x 73 mm
Weight	Camera without cable/battery: 61 g Camera with battery: 91 g Docking station: 225 g (wireless), 215 g (wired) Charge station: 180 g
Environment	Operating temperature: +5 ~ +30°C Transit and storage temperature: -10-60°C Relative humidity: 10 ~ 85% RH Atmospheric pressure 700-1060 hPa Not protected against water spray

Table 6 Technical Features and Specifications

	1 S-video output
	1 PAL output
	1 NTSC output
Output	1 VGA video output
	1 digital USB 2.0 output
	1 SD card socket
	1 DC power output
	1/2.5 inch CMOS with 1024 x 768 pixels
	Lighting: super white LEDs / Class 1 LED according to IEC 60825-1
Comoro	Image capture: 1 Shutter Release button
Camera	FOV: 80°
	View angle: 90 [°]
	Connecting cable length: 2.5 m
Adapter	AC adapter complies with IEC 60601-1
Battery	750mAh; ICR17360 ISO75B37A1 manufactured by DLG Battery (Shanghai) CO., LTD

Table 6 Technical Features and Specifications



Caution: Not suitable for use in the presence of flammable anesthetics or a mixture of flammable anesthetics with air, oxygen, or nitrous oxide.

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