KODAK HERO 5.1
All-in-One Printer

Extended User Guide

Kodak

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1 Printer Overview

This printer lets you print, copy, and scan pictures and documents. In addition, this printer supports networking, letting you access the printer over a wireless (Wi-Fi) network.

Components

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3	USB port	
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6	Wi-Fi connectivity LED	
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Control panel

Feature		Description
1	LCD	Displays pictures, messages, and menus; lifts for easy viewing
2	Cancel button	Stops the current operation and returns to the menu; returns to previous item when navigating menus
3	Home button	Displays the main menu, and toggles between screens
4	Navigation buttons	Used to navigate menus, scroll through pictures
5	Start button	Begins copying, scanning, printing, maintenance tasks, and file transfer
6	Zoom buttons	Enlarge or reduce the size of the displayed picture
7	OK button	Selects a menu item, accepts a zoom setting, and allows you to continue with the current operation
8	Back button	Displays the previous screen
9	Power button	Turns the printer on or off

Home Center Software

KODAK Home Center Software is installed with your KODAK All-in-One Printer Software, unless you choose otherwise. The Home Center icon will appear on your desktop.

NOTE: You can choose to install the KODAK AiO Printer Software Essentials, which includes the drivers and Printer Tools only.

On a computer with WINDOWS Operating System (OS), you can use Home Center Software to:

- browse, crop, enhance, and edit pictures
- print and scan
- make 3D pictures (from picture pairs taken to create 3D pictures)
- print from video
- send images to or print images from KODAK Gallery
- send images to or print images from FACEBOOK Social Network, FLICKR, PHOTOBUCKET, PICASA, or SMILEBOX Photo Management Systems, and GOOGLE Docs.
- configure your printer
- install new network printers
- upgrade to the latest printer software and firmware
- order supplies
- access the KODAK Tips and Projects Center
- access the KODAK Online Printer Management Tool

On a computer with MAC OS, you can use Home Center Software to:

- scan
- configure your printer
- upgrade to the latest printer software and firmware
- order supplies
- see the status of your printer
- access the KODAK Online Printer Management Tool

Ordering supplies

You can order ink cartridges, paper, and accessories online. An Internet connection is required.

To order supplies directly from Home Center Software:

1. Open Home Center Software.
2. Select **Order Supplies** (on a computer with WINDOWS OS) or select the **Tools** tab, then click **Order Supplies** (on a computer with MAC OS).
3. Select the item(s) you want to buy, then follow the on-screen instructions.

To order supplies from the Web:

- Ink: www.kodak.com/go/printingsupplies
- Paper: www.kodak.com/go/inkjetpaper

Configuring printer settings

To set or change basic printer settings:

1. Press **Home**.
2. Press ▼ to select **Printer Settings**, then press **OK**.
3. Press ▼ to select one of the following settings:
   - **Date and Time**
     - Press **OK**, then press ▼ to select **Year**, **Month**, **Day**, **Hour**, or **Minute**. Press ◀ or ▶ to change the values; press **OK** when you are done.

       NOTE: You can also synchronize the printer date and time to your computer using Home Center Software.

   - **Time to Low Power**

     To conserve energy, your printer will enter a low power (sleep) mode after being idle for a default delay time of 1 hour. You can increase the delay time to low power (in 0.5 hour increments) up to 4 hours. Increasing the delay time may result in reduced energy savings.
     - Press ▶ to change the time to energy-saving sleep mode (select from 1 to 4 hours in 0.5 hour increments).
   - **Tagged Images Printing** (see Printing tagged pictures, page 49)
     - Press ▶ to select **Off** or **On**.
   - **Language**
     - Press **OK**, press ▼ to select a language, then press **OK**.
   - **Country/Region**
     - Press **OK**, press ▼ to select a country or region, then press **OK**.
   - **Reset All Settings** (see Resetting factory defaults, page 95)

     NOTE: Resetting factory defaults does not change the date and time, language, country/region, or network settings.

   - **Printer Info**
     - Press **OK** to display the version of firmware that is currently running on your printer.
   - **Features Demonstration**
     - This feature is typically used by retailers to demonstrate the printer's features.
4. Press **Back** to return to the Main Menu.

2 Networking Your Printer

This section explains how to configure or change your network settings.

Connecting to a wireless network

To connect your printer to an 802.11b/g wireless (Wi-Fi) network, refer to the following information.

Before you connect

You need:

- a wireless router.
- to determine whether your wireless router supports Wi-Fi Protected Setup (WPS).

NOTE: If you have specific questions about your router, see your router manufacturer's documentation for more information.

Connecting to a wireless network using the Wi-Fi Setup Wizard

You can use the Wi-Fi Setup Wizard on the printer to connect to your wireless network. Use the procedure that is appropriate for your network setup.

Connecting to a non-WPS wireless router

To connect your printer to your wireless network, you need to know the network name, also called the Service Set Identifier (SSID). You can obtain your network name from the wireless router. See the manufacturer's documentation for more information.

If you have enabled security on your network, you also need to know the security string, which may be a Wired Equivalent Privacy (WEP) or a Wi-Fi Protected Access (WPA/WPA2) passphrase.

Record your network information using the correct uppercase and lowercase letters.

Network Name (SSID):_____

Security String: _____

1. Press **Home**.
2. Press ▼ to select **Network Settings**, then press **OK**.
3. With **Wi-Fi Setup Wizard** selected, press **OK**.

   NOTE: The Wi-Fi radio turns on automatically when you select Wi-Fi Setup Wizard.

   The Wi-Fi connectivity LED blinks as the printer searches for available wireless networks within range, then displays the list in order of signal strength. For example:

   If there are additional networks than can be shown on the LCD, a ▼ (page down) symbol appears in the bottom right of the display.

4. If the name of your network is:

Listed	Not listed
Press ▼ to select your network, then press **OK**.	Make sure your wireless router is turned on and within range. If your wireless router does not broadcast its SSID (network name): 1. Press ▼ to select **Unlisted Network**, then press **OK**. 2. Use the LCD keyboard (see Using the LCD keyboard, page 10) to enter your network name. 3. Select **WEP** or **WPA/WPA2** as required for your network's security setup, then press **OK**. NOTE: If the name of your network is still not listed, or your want to change your network, press ▼ to select **Rescan for Wireless Networks**, then press **OK**.

5. If your network has security enabled, use the LCD keyboard (see Using the LCD keyboard, page 10) to enter your security string.

6. When the confirmation message appears, press **OK**.

   When the printer is successfully connected, the Wi-Fi connectivity LED stops blinking and remains lit.

   The printer with a wireless connection is listed as the name of the printer plus a number (for example, KodakHERO5.1+1133).

7. If you haven't installed the KODAK All-in-One Printer Software:

   a. Go to www.kodak.com/go/aiodownloads.

   b. In the results list, click the link for KODAK All-in-One Printer Software for your computer's operating system.

   c. Follow the on-screen instructions.

Connecting to a WPS wireless router

If your router supports Wi-Fi Protected Setup (WPS), you can use WPS Connect. WPS lets you configure your printer for a wireless network by pressing buttons or entering a PIN.

To connect to a network using WPS:

1. Press **Home**.
2. Press ▼ to select **Network Settings**, then press **OK**.
3. With **Wi-Fi Setup Wizard** selected, press **OK**.

    NOTE: The Wi-Fi radio turns on automatically when you select Wi-Fi Setup Wizard.

4. With **WPS Connect** selected, press **OK**.
5. Select one of two methods of connecting:

    IMPORTANT: *Before you press **OK** on the printer, make sure you know where the router's push button is, or where to enter the generated PIN. If necessary, consult your Internet Service Provider or router device manufacturer's documentation for more information.*

Pressing a button	Entering a PIN
NOTE: You will have two minutes to press or select the WPS button. It may be a button on the device or a virtual button in the device's software. a. With **Push Button Configuration** selected, press **OK**. b. Press or select the WPS button for your wireless router.	a. Press ▼ to select **Generate WPS PIN**, then press **OK**. b. In your wireless router's software, locate the PIN screen. c. Enter the PIN you received on the LCD into the PIN screen.

6. When the confirmation message appears, press **OK**.

    When the printer is successfully connected, the Wi-Fi LED will stop blinking and remain lit.

    The printer with a wireless connection is listed as the name of the printer plus a number (for example, KodakHERO5.1+1133).

7. If you haven't installed the KODAK All-in-One Printer Software:, go to and follow the on-screen instructions to install the software.

    a. Go to www.kodak.com/go/aiodownloads.

    b. In the results list, click the link for KODAK All-in-One Printer Software for your computer's operating system

    c. Follow the on-screen instructions.

Using the LCD keyboard

When you need to enter letters or numbers, a keyboard appears on the LCD.

On the control panel, press ▲, ▼, ◀ or ▶ to select the letters and numbers, using the correct uppercase and lowercase letters. Press **OK** after each character. When you are done, select **DONE**, then press **OK**.

Setting up an IP Address

IMPORTANT: *You should only need to set up an IP Address for your printer if you are having a problem with connecting your printer to your network. Typically, it is not necessary to set up an IP Address. This procedure is for advanced users who know how to obtain the IP Address for the printer.*

All IP Address entries have the following format: 000.000.000.000. If an address or subnet mask has only one or two characters between the periods, include one or two leading zeros in front of that number. For example:

The address as it may appear in your documentation	How to enter the address in the printer menu
149.89.138.149	149.089.138.149
149.2.40.149	149.002.040.149

To set up your IP Address on the printer:

1. Press **Home**.
2. Press ▼ to select **Network Settings**, then press **OK**.
3. Press ▼ to select **Advanced IP Address Setup**, then press **OK**.
4. Press **OK** again to continue.
5. Select one of the following, then press **OK**:
   - **Dynamic (DHCP)**
   - **Manual (Static)**
6. If you selected **Manual (Static)**, you are prompted to enter an IP Address, a Subnet Mask, a Gateway Address, and a DNS Server address. Press **OK** after each entry. Use the navigation buttons to enter each digit of the numbers.

   Consult your Internet Service Provider or network administrator for more information.

Viewing the network configuration

To view the network configuration and verify that you are connected to your wireless network:

1. Press **Home**.
2. Press ▼ to select **Network Settings**, then press **OK**.
3. Press ▼ to select **View Network Configuration**, then press **OK**.

   The wireless or Ethernet network settings appear on the LCD, including:
   - Printer Hostname
   - Connection
   - Speed
   - IP Address
   - IP Address Type
   - Network Subnet
   - Connected Network SSID
   - Security
   - Authentication
   - Channel
   - Region
   - Radio (on/off)
   - MAC Address

   If the printer is connected to your network, you will see the network name and the word CONNECTED.
4. To scroll through the information, press ▼.
5. When you are done, press **OK**.

Printing the network configuration

To print the current network configuration:

1. Load plain paper into the printer. (See Loading plain paper, page 36.)
2. Press **Home**.
3. Press ▼ to select **Network Settings**, then press **OK**.
4. Press ▼ to select **Print Network Configuration**, then press **OK**.

Installing your printer on additional computers on the network

To add your printer to another computer(s) on your network, install the KODAK All-in-One Printer Software on each computer. Go to and follow the on-screen instructions.

1. Go to www.kodak.com/go/aiodownloads.
2. In the results list, click the link for KODAK All-in-One Printer Software for your computer's operating system.
3. Follow the on-screen instructions.

Connecting to another KODAK All-in-One Printer

If you are connecting to a newer model printer (for example, you have an ESP 5250 Printer and now you are adding a HERO 5.1 Printer), you must install the software for the newer model.

NOTE: When you install the new software, the printer driver for the ESP 5250 Printer will be uninstalled, and updates for the ESP 5250 Printer will be installed in addition to the driver for the HERO 5.1 Printer.

On a computer with WINDOWS OS:

1. Select **Start > All Programs > Kodak > KODAK Printer Setup Utility**.
   - If your wireless printer (example: KodakHERO5.1+1133) **is not** listed:
     a. Select **No, my printer is not listed**, then click **Next**.
     b. From the drop-down list, select your printer.
     c. Select **Network - Wireless/Wi-Fi**, then click **Next**.
        When your printer is detected, driver installation begins.
   - If your wireless printer (example: KodakHERO5.1+1133) **is** listed:
     a. Select the printer that is connected to your network.
     b. Select **Yes, my printer is listed**, then click **Next**.
        When your printer is detected, driver installation begins.
2. When driver installation is complete, click **Done**.

On a computer with MAC OS:

1. Select **Apple > System Preferences**.
2. Under Hardware, select **Print & Fax** or **Print & Scan**.
3. Click **+** in the dialog box.
4. Select your printer from the list.
5. Click **Add**, if required.

Adding a wireless network connection to a USB-connected computer

You can change the way you connect to your printer at any time.

Changing from USB to a wireless connection

To change the printer connection type from USB to a wireless (Wi-Fi) network:

If your printer is connected to a computer with WINDOWS OS:

1. Disconnect the USB cable from your printer and computer.
2. If you have not already done so, connect your printer to your wireless network. See Connecting to a wireless network, page 6.
3. On your computer, disable any firewall you have installed until you have successfully completed the installation.
4. Select **Start > All Programs > Kodak > KODAK Printer Setup Utility**.
   - If your wireless printer (example: KodakHERO5.1+1133) **is not** listed:
     a. Select **No, my printer is not listed**, then click **Next**.
     b. Select your printer from the list.
     c. Select **Network - Wireless/Wi-Fi**, then click **Next**.
        When your printer is detected, driver installation begins.
   - If your wireless printer (example: KodakHERO5.1+1133) **is** listed:
     a. Select the printer that is connected to your network.
     b. Select **Yes, my printer is listed**, then click **Next**.
        When your printer is detected, driver installation begins.
5. When driver installation is complete, click **Done**.

The printer with a wireless connection is listed as the name of the printer plus a number (for example, KodakHERO5.1+1133).

If your printer is connected to a computer with MAC OS:

1. Disconnect the USB cable from your printer and computer.
2. If you have not already done so, connect your printer to your wireless network. See Connecting to a wireless network, page 6.
3. Select **Apple > System Preferences**.
4. Under Hardware, select **Print & Fax** or **Print & Scan**.
5. Click **+** in the dialog box.
6. Select your printer from the list.
7. Click **Add**, if required.

The printer with a wireless connection is listed as the name of the printer plus a number (for example, KodakHERO5.1+1133).
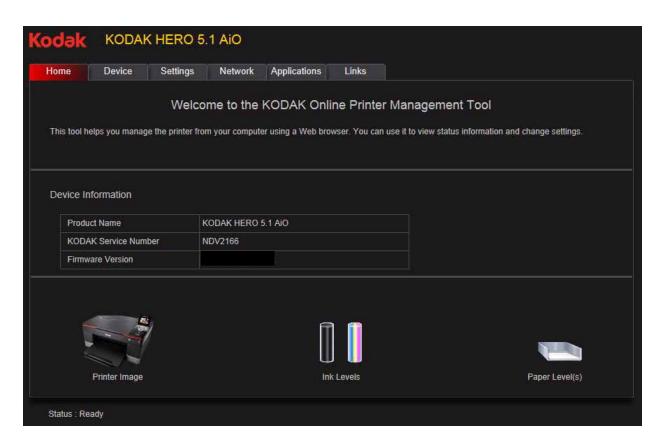
3 Online Printer Management Tool

The Online Printer Management Tool lets you access your printer through an Internet browser (such as INTERNET EXPLORER, FIREFOX, SAFARI, CHROME) on any computer that is on the same network as your printer.

IMPORTANT: *Your computer and your printer must be on the same wireless network. The Online Printer Management Tool is not available if your printer is connected to a computer with a USB cable.*

With the Online Printer Management Tool, you can:

- view printer status
- configure (or change) printer settings
- create Scan to Email and Scan to Network Folder profiles (that you can access from the printer control panel)
- add entries to the Email Address book
- set up accounts for Google Cloud Print Service and KODAK Email Print Service

Accessing the Online Printer Management Tool

Access the Online Printer Management Tool in one of the ways described below.

Directly from Home Center Software v7.x or higher:

1. Open Home Center Software.
2. Select **Printer Tools** on a computer with WINDOWS OS, or **Tools** on a computer with MAC OS.
3. Make sure that the name of your wirelessly connected printer appears in the bottom of the window.

NOTE: A wirelessly connected printer is listed as the name of the printer plus a number (for example, KodakHERO5.1+1133). If a different printer name appears, click **Select**, then choose your wirelessly connected printer.

4. Under **Tools**, select **Online Printer Management**.

The Online Printer Management Tool opens.

On any printer-supported computer:
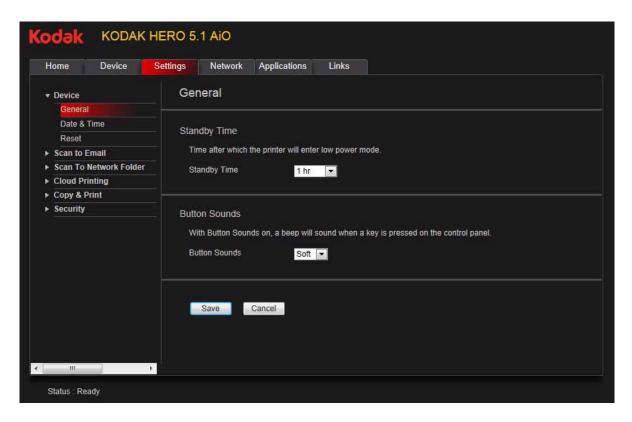
1. Get the IP Address of your wirelessly connected printer:
   a. On your printer control panel, press **Home**.
   b. Press ▼ to select **Network Settings**, then press **OK**.
   c. Press ▼ to select **View Network Configuration**, then press **OK**.

NOTE: If you prefer a printout, press ▼ to select **Print Network Configuration**, then press **OK**. A Test Page prints, including the IP Address in the format xxx.xxx.xxx.xxx.

   d. Press ▼ to see the IP Address in the format xxx.xxx.xxx.xxx. (See Viewing the network configuration, page 11).

2. On your computer, open your preferred Internet browser (such as, INTERNET EXPLORER, FIREFOX, SAFARI, CHROME).
3. Type the printer IP Address in the browser address (URL) bar, then press **Enter**.

The Online Printer Management Tool opens.

Using the Online Printer Management Tool

Configuring printer settings

To change the standby time, volume of the button sounds, or date and time:

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).
2. Select the **Settings** tab.
3. Select **Device**.
4. Select **General** or **Date & Time**, and make any necessary changes.
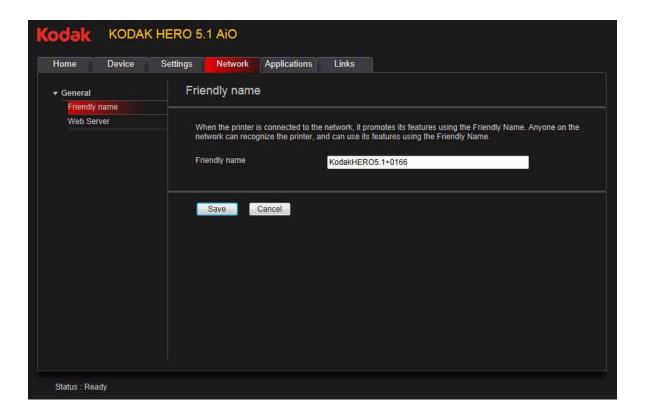
5. Click **Save**.

NOTE: Select **Reset** to restore default settings, if necessary.

Changing the printer name

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).

2. Select the **Network** tab.

3. Select **General**, then **Friendly name**, if necessary.

4. Highlight the text in the **Friendly name** field and type the name you want, then click **Save**.

www.kodak.com/go/aiosupport
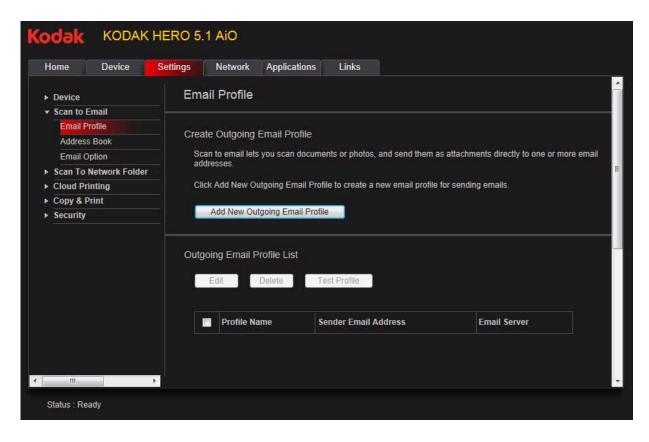
Setting up Scan To Email

When you scan with your printer, you can send the scans directly from the printer to an email recipient. To do so, you must first set up a profile for yourself, and define the email address(es) to which you want to send scans.
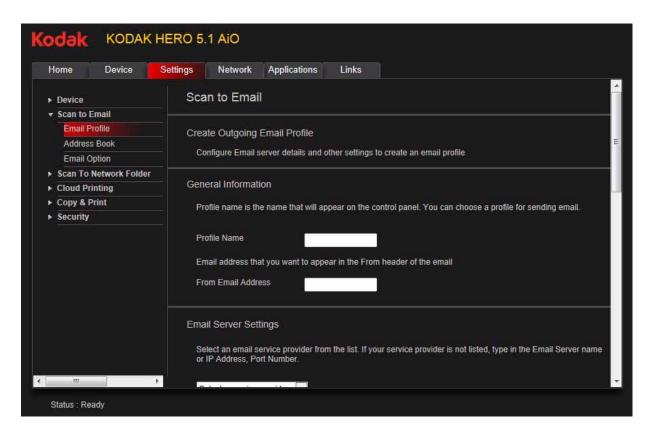
Adding an outgoing email profile

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).
2. Select the **Settings** tab.
3. Select **Scan To Email** > **Email Profile**.

4. Click **Add New Outgoing Email Profile**.
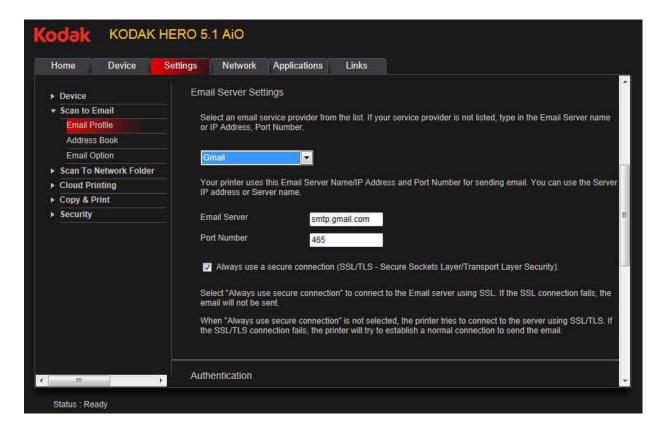
5. In the **Profile Name** field, type a name that has meaning to you; for example, your initials and your email provider, such as LR Hotmail or LR Gmail.

   This name will appear on the printer control panel when you start a scan to be sent through email.

6. In the **From Email Address** field, type your email address.

   Although the email will be sent from the printer, any replies will go to this email address.

7. Under Email Server Settings, enter your email service provider.

- If your email service provider is Gmail, Yahoo, AOL, or Hotmail, select your services from the drop-down menu. The Email Service, Port Number, and Always use secure connection fields fill in automatically.

- If your email service provider is not in the drop-down menu:

  a. Type the email server name or the IP Address of your email service provider in the **Email Server** field.

  b. Type the port number of your email server in the **Port Number** field.

  NOTE: Locate this information in the email account properties fields in your email application, or contact your Internet Service Provider.

  c. If your mail server supports secure connection mode, select the **Always use secure connection check box**.
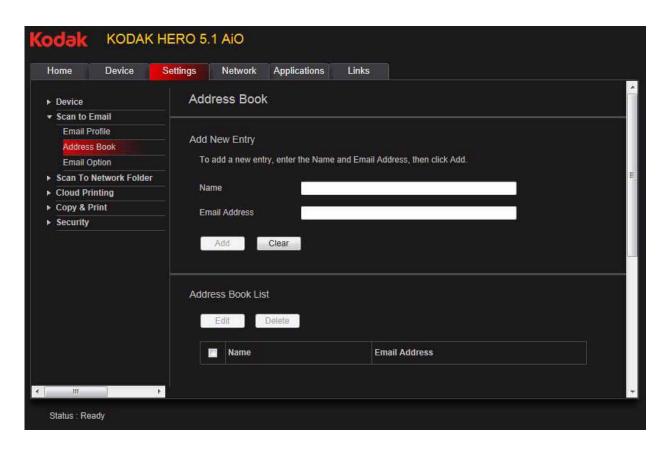
8. If your email server requires authentication for sending emails:

   a. Select the **The email server requires authentication for outgoing email** check box.

   b. Type the **User ID** and **Password** for your email account.

9. If you want to limit who uses your profile (that appears on the printer LCD) to send scans:

   a. Select the **Enable Access PIN** check box.

   b. Type a 4-digit numeric **PIN** (your choice). You will need to enter this PIN each time you access your profile when scanning to an email address

10. If you want a copy of all messages, select the **Copy sender for all email messages sent from the printer** check box.

11. Click **Test Profile** to confirm that the printer can access your account.

    - If the printer can access your account, "Test profile: Successful" appears. Click **OK**, then click **Save**.

    - If the printer cannot access your account, "Test Profile: Failed" appears. Click **OK**, then make changes to the profile.

Setting up the email address book

To enter email addresses of people to whom you want to send scans by email:

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).

2. Select the **Settings** tab.

3. Select **Scan To Email** > **Address Book**.
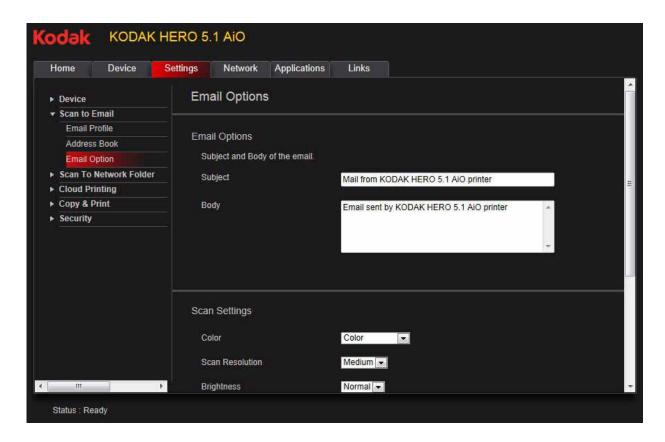
4. For each person:

   a. Type the person's **Name**.

   b. Type the person's **Email Address**.

   c. Click **Add**.

5. When you are finished adding email addresses, click **OK**.
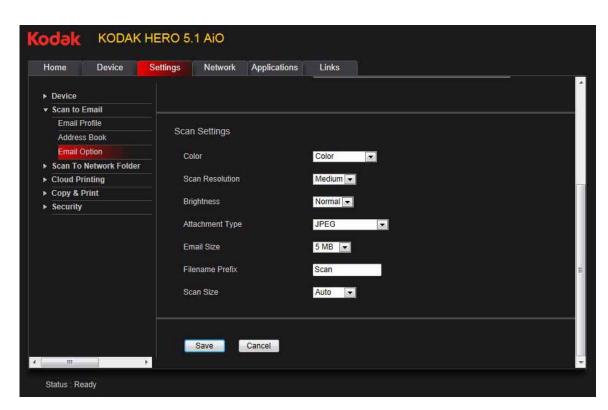
Setting options for scan to email

When you send a scan to an email address, the printer uses defaults — subject line, body, and scan settings — that you set up under email options.

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).

2. Select the **Settings** tab.

3. Select **Scan To Email** > **Email Option**.

4. Select and replace the default subject line and body text, if necessary.

   This subject line and body text will be included with every scan you send to an email address.

5. Select the scan settings that will be used for all scans sent to email:

NOTE: You can enter a Filename Prefix of your choice.

6. Click **Save**, then click **OK**.

You can now send a scan to an email address from the control panel. See Scanning from the control panel, page 73.

Setting up Scan To Network Folder

You can scan documents or photos directly to a file in a shared folder on your network.

Before you create a network folder profile

You must identify or create a network shared folder on a computer connected to the same network as your printer before you can create a network folder profile. Note the network name of the folder, including the path information, and the name of the computer where it is located.
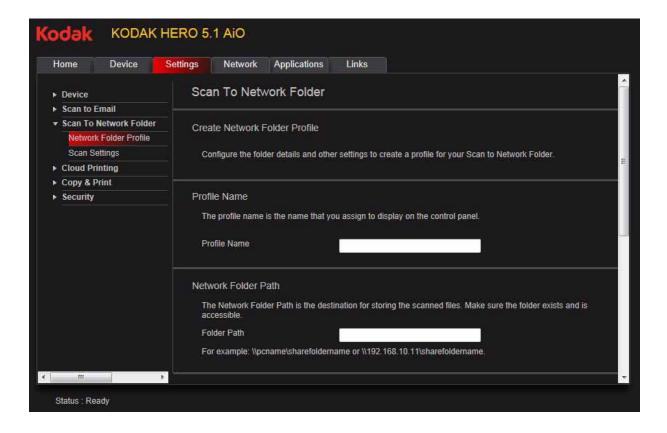
To learn more about sharing folders, see the information in the links below.

- For computers with WINDOWS XP OS, see
  www.microsoft.com/windowsxp/using/networking/maintain/share.mspx
- For computers with WINDOWS VISTA OS, see
  technet.microsoft.com/en-us/library/bb727037.aspx
- For computers with WINDOWS 7 OS, see
  windows.microsoft.com/en-US/windows7/File-sharing-essentials
- For computers with MAC OS 10.5 or later, see support.apple.com/kb/ht1549
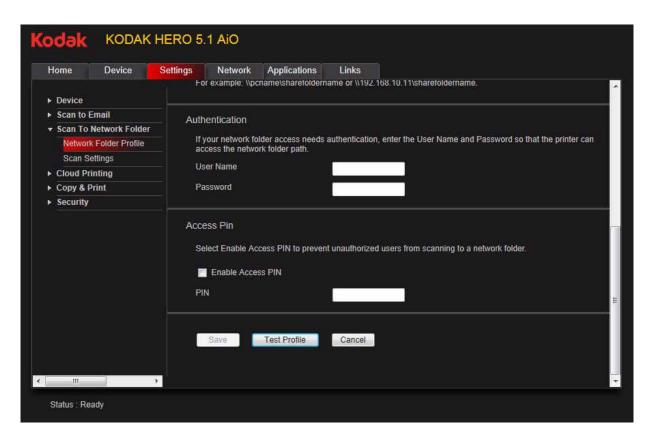
Adding a network folder profile

To add a network folder profile that you can access from the control panel:

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).
2. Select the **Settings** tab.
3. Select **Scan To Network Folder** > **Network Folder Profile**.
4. Click **Add New Network Folder Profile**.

5. Type:
   • **Profile Name**
   • **Folder Path**
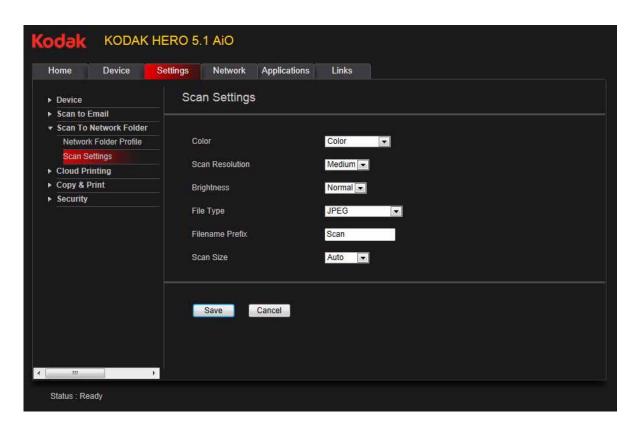
6. If the computer where the folder is located requires authentication to access its shared folders, type the network login **User Name** and **Password**.

7. If you want to limit who uses your profile to scan documents to your network folder:

   a. Select the **Enable Access PIN** check box.

   b. Type a 4-digit numeric **PIN** (your choice). You will need to enter this PIN each time you access your profile when scanning to a network folder.

8. Click **Test Profile** to have the printer confirm that it can access the network folder.

   • If the printer can access the network folder, "Test profile: Successful" appears. Click **OK**, then click **Save**.

   • If the printer cannot access the network folder, "Test Profile: Failed" appears. Click **OK**, then make changes to the network folder profile.

You are now ready to scan a document or photo to your network folder from the control panel. See Scanning from the control panel, page 73.

Setting scan settings for scan to network folder

When you send a scan to a network folder, the printer uses defaults that you set up under scan settings.

1. Select **Scan To Network Folder** > **Scan Settings**.

2. Select the scan settings that will be used for all scans sent to a network folder.

NOTE: You can enter a Filename Prefix of your choice.

3. Click **Save**.

You can now send a scan to a network folder from the printer control panel. See .

Setting up Cloud Printing

Registering your printer with Google Cloud Print

Your printer lets you print from anywhere in the world from your smartphone, tablet, or computer that uses Google Cloud Print enabled apps. You must register your printer with a Google Account to enable this feature.

1. Make sure your printer and computer are connected to the same network (see Networking Your Printer, page 6).
2. Make sure you have the latest version of Home Center Software and printer firmware (see Updating the software and printer firmware, page 93).
3. Do one of the following:

NOTE: After you select Cloud Printing Setup, the Online Printer Management Tool opens in your Web browser.

- Open Home Center Software, then click **Cloud Printing Setup**.
- Depending on your Operating System, use the path below to select Cloud Printing Setup.
  - WINDOWS XP OS: Select **Start** > **Programs** > **Kodak** > **KODAK AiO Printer Tools**, then click **Cloud Printing Setup**.
  - WINDOWS VISTA and 7 OS: Select **WINDOWS icon** > **All Programs** > **Kodak** > **KODAK AiO Home Center** > **Printer Tools**, then click **Cloud Printing Setup**.
  - MAC OS: Select **KODAK AiO Home Center** > **Tools**, then click **Cloud Printing Setup**.
4. Follow the on-screen instructions.
5. In the Google window, click **Finish printer registration**.
6. Return to the Online Printer Management Tool.
7. Wait until you see **Registration Successful** for Google Cloud Print. This make take a few minutes.
8. To register your printer with KODAK Email Print Service, and get an email address for your printer, go to step 3 of Registering your printer with KODAK Email Print Service, page 30).
9. Sign out of your Google Account and close the Online Printer Management Tool.

For information about printing, see Printing using Google Cloud Print, page 54.

Editing a Google Cloud Print Account

Once you have successfully registered your printer with Google, you can make edits to various fields.

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).
2. Select the **Settings** tab.
3. Select **Cloud Printing** > **Google Cloud Print**.
4. Click **Edit Settings**.
5. Make the changes you want in the appropriate fields, then click **Save**.

Registering your printer with KODAK Email Print Service

KODAK Email Print lets you send emails and attachments to your printer using any email account. You must sign in with the account you used to set up Google Cloud Print (see Registering your printer with Google Cloud Print, page 29).

1. Go to www.kodakeprint.com.
2. Sign in with the account you used to set up Google Cloud Print (see Registering your printer with Google Cloud Print, page 29).
3. Click **Get Printer Email Address for KODAK Printer**.
4. Click **Sign in with Google**, if necessary.
5. Click **Enable** next to your printer.
6. Make sure you have letter or A4 size paper loaded in the printer.

   A page will be sent to your printer to indicate your printer has been successfully set up. (This may take a few minutes.) The page includes the email address of your printer.
7. To limit who can send emails to your KODAK Printer email address:

   a. Next to **Access Control**, click **Edit**.

   b. Select **Control who can send email (by email or domain)**.

   c. To add a specific email address or domain, click **Add new Email/Domain**.

   d. Type the correct information for the email or domain, then click **Save**.

   NOTE: To delete an email or domain, click **Delete**.

For information about printing, see Printing using KODAK Email Print Service, page 55.
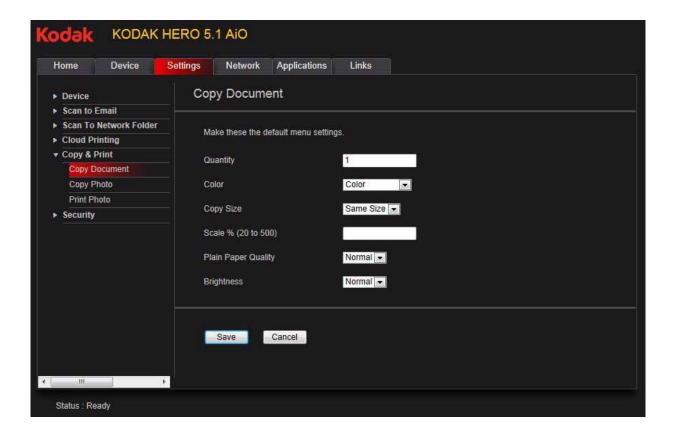
Changing printer settings for copying and printing
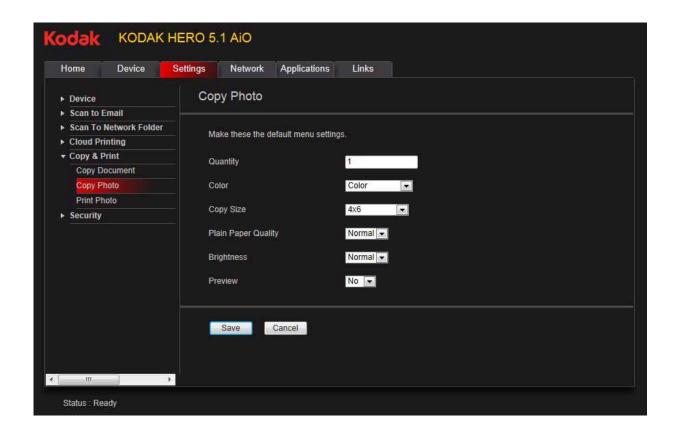
You can change the default printer settings for copying documents and photos, and for printing photos.

Changing Copy Document or Copy Photo settings

To change the default printer settings for copying documents:

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).
2. Select the **Settings** tab.
3. Select **Copy & Print** > **Copy Document** or **Copy Photo**.
4. Make the changes you want in the appropriate fields, then click **Save**.
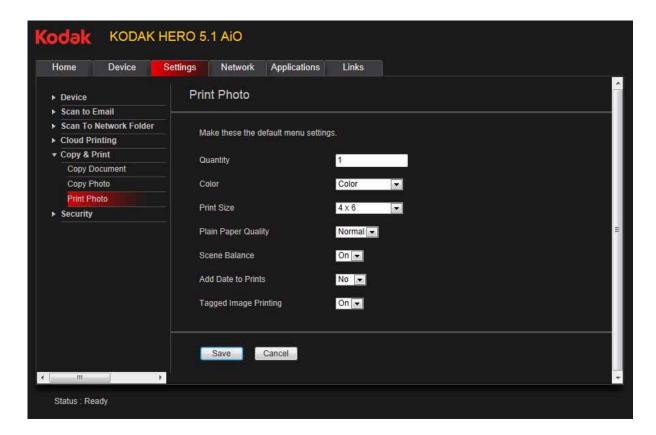
Changing Print Photo settings

To change the default printer settings for printing photos:

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).
2. Select the **Settings** tab.
3. Click **Copy & Print** > **Print Photo**.
4. Make the changes you want in the appropriate fields, then click **Save**.

4   Handling Paper

For the best document printing results, use KODAK Document Papers or a paper with the COLORLOK Technology logo on the package. Use only paper that is designed for inkjet printers.

For the best photo printing results, use KODAK Photo Papers, which are optimized to work with KODAK All-in-One Printers, or photo papers designed for use on pigment-based inkjet printers.

When handling paper:

- Hold the paper by the edges; avoid placing your fingerprints on it.
- Do not touch the glossy side of photo paper.
- Store paper flat, away from direct sunlight and heat.

Paper types

You can use:

- Plain paper — 20 to 24 lb / 75 to 90 gsm
- Photo paper — 10 mils
- Card stock — 110 lb / 200 gsm, maximum
- Envelopes — 20 to 24 lb / 75 to 90 gsm
- Transparencies — all commercially available inkjet varieties (with a white stripe on the short edge)
- Labels — all commercially available inkjet varieties on 8.5 x 11 in. or A4 sheets
- Iron-on transfers — all commercially available inkjet varieties on 8.5 x 11 in. or A4 sheets

Paper sizes

The printer accepts the following paper sizes:

- 4 x 6 in. / 10 x 15 cm
- 4 x 7 in. / 10 x 18 cm
- 4 x 8 in. / 10 x 20
- 4 x 12 in. / 10 x 31 cm
- 5 x 7 in. / 13 x 18 cm
- 7.3 x 8.5 in. / 19 x 22 cm
- US Executive (7.3 x 10.5 in. / 19 x 22 cm)
- 8 x 10 in. / 20 x 25 cm
- US Letter (8.5 x 11 in. / 22 x 28 cm)
- Legal (8.5 x 14 in. / 22 x 36 cm)
- A4 (8.3 x 11.7 in. / 21 x 30 cm)
- A5 (5.8 x 8.3 in. / 15 x 21 cm)
- A6 (4.1 x 5.8 in. / 11 x 15 cm)
- B5 (6.9 x 9.8 in. / 18 x 25 cm)

NOTE: Do not load paper smaller than 4 x 6 in. / 10 x 15 cm.

Envelope sizes

The printer accepts the following envelope sizes:

- C5 (6.7 x 9 in. / 16 x 23 cm)
- C6 (4.5 x 6.4 in. / 11 x 16 cm)
- DL (4.3 x 8.7 in. / 11 x 22 cm)
- US #7¾ (3.9 x 7.5 in. / 10 x 19 cm)
- US #9 (3.9 x 8.9 in. / 10 x 23 cm)
- US #10 (4.1 x 9.5 in. / 11 x 24 cm)

IMPORTANT: *Do not load envelopes with cutout or clear windows.*

Loading paper

Loading plain paper

The paper input tray capacity is 100 sheets of plain paper.

1. Pull out the paper output tray extender until it is fully extended, and move the paper stop to the upright position.

NOTE: To load legal-size paper, pull out the paper input tray extender until it is fully extended, but do not lift the paper stop.

paper stop

paper input tray extender
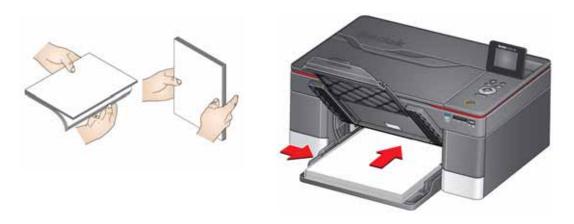
2. Lift the paper output tray.

3. Move the left paper-edge guide to the far left.

4. Fan and stack the paper, then insert it into the paper input tray.
5. Move the paper forward until it stops.
6. Move the left paper-edge guide until it touches the paper.

Loading photo paper

The paper input tray capacity is 20 sheets of photo paper.

1. Lift the paper output tray.
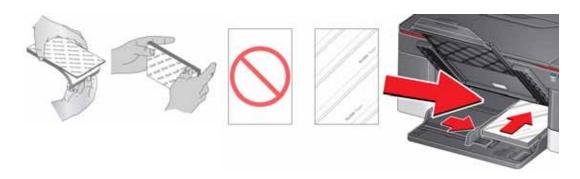
2. Remove any paper from the paper input tray.
3. Move the left paper-edge guide to the far left.

4. Fan and stack the photo paper, then insert the paper (short side first) with the **logo side facing up** and the glossy side down.

   IMPORTANT: *If the photo paper is loaded the wrong way, the ink on your pictures will be wet and the image quality will be affected.*

5. Move the paper forward until it stops.

6. Move the left paper-edge guide until it touches the paper.

Loading envelopes

The paper input tray capacity is 20 envelopes.

IMPORTANT: *Do not load envelopes with cutout or clear windows.*

1. Lift the paper output tray.

2. Remove any paper from the paper input tray.
3. Move the left paper-edge guide to the far left.
4. Insert the envelope(s) with the flap up and against the right side of the tray.
5. Move the envelopes forward until they stop.
6. Move the left paper-edge guide until it touches the envelope(s).

left paper-edge guide

5   Printing

Print documents and lab-quality pictures on your printer.

Printing documents

To print a document from your computer:

1. Open the document.
2. Select **File** > **Print**.
3. In the Print dialog box, select your KODAK Printer.
4. Choose the pages to print, number of copies, and so on, then click **OK** (on a computer with WINDOWS OS) or **Print** (on a computer with MAC OS).

Printing two-sided documents

You can print two-sided documents automatically with the built-in duplexer or manually by rotating and reloading the paper after the first side is printed.

Automatic two-sided printing

The duplexer can print two-sided documents automatically on plain paper in standard sizes:

- letter (8.5 x 11 in. / 22 x 28 cm)
- A4 (8.3 x 11.7 in. / 21 x 30 cm)
- B5 (6.9 x 9.8 in. / 18 x 25 cm)

NOTE: The paper width must be 3.9 to 8.5 in. / 10 to 22 cm. The paper length must be 7 to 11.7 in. / 18 to 30 cm.

The duplexer *cannot* print:

- borderless prints
- poster layout

Automatic two-sided printing from a computer with WINDOWS OS

To print two-sided documents from a computer with WINDOWS OS using the duplexer:

1. Load plain paper into the paper input tray.
2. Open the document you want to print, then select **File > Print**.
3. In the Print dialog box, make sure that **KODAK HERO 5.1 AiO** is selected (printers with a wireless connection have a 4-digit number added to the end of the name), then click **Properties**.
4. Select the **Layout** tab.
5. In the Two-sided printing field, select **Automatic**.

NOTE: You can also select automatic two-sided printing from the **General** tab under the **Job settings** field.

6. Under "Flip on:", select **Long edge** or **Short edge**, then click **OK**.

7. Click **OK** to start the print request.

Automatic two-sided printing from a computer with MAC OS

To print two-sided documents from a computer with MAC OS using the duplexer:

1. Load plain paper into the paper input tray.

2. Open the document you want to print, then select **File > Print**.

3. In the Print dialog box, make sure that **Eastman Kodak Company HERO 5.1 AiO** is selected (printers with a wireless connection have a 4-digit number added to the end of the name).

4. In the **Copies & Pages** drop-down list, select **Layout**.

5. In the **Two-Sided** drop-down list, select either **Long-Edge binding** or **Short-Edge binding**.

6. Click **Print**.

Manual two-sided printing

You can print two-sided documents on any size paper that the printer accepts (see Paper sizes, page 35) when you rotate the paper manually.

IMPORTANT: *Two-sided printing can only be done on media that can absorb ink on both sides, such as plain paper or two-sided photo paper. Do not print two-sided on bar-coded photo paper (the bar code is on the back side).*

Manual two-sided printing from a computer with WINDOWS OS

To print two-sided documents from a computer with WINDOWS OS:

1. Load paper into the paper input tray.

2. Open the document you want to print, then select **File > Print**.

3. In the Print dialog box, make sure that **KODAK HERO 5.1 AiO** is selected (printers with a wireless connection have a 4-digit number added to the end of the name), then click **Properties**.

4. Select the **Layout** tab.

5. In the Two-sided printing field, select **Manual**, then click **OK**.

NOTE: You can also select manual two-sided printing from the **General** tab under the **Job settings** field.

6. Under "Flip on:", select **Long edge** or **Short edge**, then click **OK**.

7. Click **OK** to start the print request.

8. When a message appears on your computer and control panel, remove the printed pages from the paper output tray, then follow the instructions on the control panel.

9. Press **Start** on the control panel.

Manual two-sided printing from a computer with MAC OS

To print two-sided documents from a computer with MAC OS:

1. Load paper into the paper input tray.
2. Open the document you want to print, then select **File** > **Print**.
3. In the Print dialog box, make sure that **Eastman Kodak Company HERO 7.1 AiO** is selected (printers with a wireless connection have a 4-digit number added to the end of the name).
4. In the Print dialog box, select the **two-sided** check box.
5. Click **Print**.
6. When the even pages have finished printing, follow the instructions on the control panel to reload the printed pages in the paper input tray.
7. Press **Start** on the control panel to print the odd numbered pages.

Printing forms from the control panel

You can print the following forms from the control panel:

- Graph paper
- Wide ruled
- Narrow ruled
- Grocery list
- Reminder list
- Tic-tac-toe
- Sheet music (portrait)
- Sheet music (landscape)

To print a form:

1. Press **Home**.
2. Press ▼ to select **Printable Forms**, then press **OK**.
3. Press ▼ to select a form.
4. Press ◀ or ▶ to select a quantity, then press **OK**.
5. Press **Start**.

Printing pictures

You can print pictures with your all-in-one printer from:

- A memory card inserted into a memory card slot
- A storage device (such as a flash drive) or camera connected to the front USB port with a USB cable
- An iPhone, iPod touch, iPad, BLACKBERRY Device, or an ANDROID OS Device (may not be available with all models). For information, go to www.kodak.com/go/mobileprinting.

You can also print pictures using Home Center Software from your computer with WINDOWS OS. Home Center Software lets you edit and enhance your pictures quickly. Open Home Center Software, select **Edit and Print Pictures**, then follow the on-screen instructions.

On a computer with either MAC OS or WINDOWS OS, you can print pictures from KODAK EASYSHARE Software or any picture-editing or photo-management software.

Viewing pictures on a memory card or USB-connected device

When you insert a memory card into the card slot on your printer, or connect a USB Device to the front USB port, press ▼ to select **View and Print Photos**, then press ◀ or ▶ to scroll through the pictures.

Finding pictures on a memory card or USB-connected device

Your printer can help you locate pictures on a memory card or USB-connected device by the date the picture was taken or last saved.

To locate pictures:

1. Insert the memory card into the memory card slot or connect the USB device to the USB port.
2. Press ▼ to select **Find Photos**, then press **OK**.
3. Press ▼ to select **Year**, **Month**, and **Day**, then use the ◀ or ▶ to set the values. The number of photos found for the date you specified appears under the menu name.
4. Press **OK** to view the pictures.

Printing from a memory card or USB-connected device

You can print pictures from the following cards or USB-connected devices:

MS SD/HC MMC Card slot	Front USB port
• MULTIMEDIA Card (MMC) • SECURE DIGITAL (SD) Card • SECURE DIGITAL High Capacity (SDHC) Card • Variations of the memory cards above that require an adapter (for example, MEMORY STICK Duo, miniSD, microSD, and T-Flash)	• PICTBRIDGE Technology enabled camera • Flash drive • MSC Cameras (cameras as USB storage device)

IMPORTANT: *If you use a memory card with an adapter, make sure you insert and remove the adapter and the memory card as a unit; do not remove the memory card while leaving the adapter in the printer.*

Using default settings to print a picture

1. Load photo paper with the logo side facing up (see Loading photo paper, page 38), and move the left paper-edge guide until it touches the paper.

2. Insert the memory card into the memory card slot, or connect the digital camera or portable drive to the front USB port, then press ▼ to select **View Photos**, then press **OK**.

IMPORTANT: *Use only one slot or port at a time.*

left paper-edge guide

3. Press ◀ or ▶ to select the picture you want to print.

4. Press **Start** to begin printing.

The printer prints one 4 x 6 in. / 10 x 15 cm picture.

IMPORTANT: *To prevent loss of data from your memory card, do not remove it from the printer while printing.*

Changing the settings and printing pictures

You can change the print photos options for an individual picture or group of pictures, or you can change the settings and save them as the default.

To print a picture or pictures using settings other than the default settings:

1. Load photo paper with the logo side facing up (see Loading photo paper, page 38), and move the left paper-edge guide until it touches the paper.

left paper-edge guide

2. Insert the memory card into the memory card slot or connect the digital camera or portable drive to the front USB port.

IMPORTANT: *Use only one slot or port at a time.*

3. Press ◀ or ▶ to select the picture you want to print, then press **OK**.
4. Repeat step 3 for each picture you want to print.
5. Press ▼ to select **View and Print Photos**, then press **OK**.
6. Press ▼ to select an option, then press ◀ or ▶ to change the setting.

Print Photos Option	Settings	Description
View Photos		Scroll through the pictures on the memory card.
Find Photos		Allows you to search for certain photos by Year, Month, and Day.
Transfer All to PC		To transfer all the pictures on the memory card to your computer, press **OK** then **Start**. (Your printer and computer must be connected with a USB cable.)
Quantity	1 (default) to 99	The number of copies that print.
Color	Color (default)	Prints full color.
	Black & White	Prints black and white (gray scale).

Print Photos Option	Settings	Description
Print Size	2 x 3 3.5 x 5 4 x 6 (default) 4 x 7 4 x 8 4 x 12 5 x 7 8 x 10 8.5 x 11 or A4	If the selected copy size is smaller than the paper in the paper input tray, the printer automatically arranges the pictures to best fit the paper size.
Plain Paper Quality	Normal (default)	Good quality output; prints faster than Best.
	Best	The highest quality.
	Draft	The fastest print speed.
Photo Paper Quality	Automatic (default)	The printer detects photo paper in the paper input tray and sets Best quality automatically.
Scene Balance	On (default) Off	Adjusts the image brightness to correct for underexposure and reduces the variation in contrast in different areas of the picture.
Add Date to Prints	No (default) Yes	Prints the date of the picture(s) (the date the picture was taken or last edited) in a corner of the print.
Save as Defaults	No / Yes	To save the settings as the new default, press **OK**. With **Yes** selected, press **OK**.

7. When you have finished changing settings, press **Start** to begin printing.

IMPORTANT: *To prevent loss of data from your memory card, camera, or portable drive, do not remove it from the printer while printing.*

Printing tagged pictures

Some digital cameras let you tag (or "mark") pictures on the memory card for printing. This creates a tag that is recognized by the printer. If you choose to print tagged pictures, they will be printed according to the default settings on your printer (unless otherwise specified by the tag from the camera).

NOTE: Refer to your camera user guide to determine whether your camera supports tagged (may also be called "marked" or "DPOF") functionality.

To print tagged pictures:

NOTE: Make sure Tagged Images Printing is On (see Configuring printer settings, page 5).

1. Load photo paper with the logo side facing up (see Loading photo paper, page 38), and move the left paper-edge guide until it touches the paper.
2. Insert the memory card into the memory card slot or connect the digital camera or portable drive to the front USB port.

IMPORTANT: *Use only one slot or port at a time.*

left paper-edge guide

3. When the "Print tagged images?" message appears, press **Start**.

Printing panoramic pictures

To print a panoramic picture, load 4 x 12 in. / 10 x 31 cm paper, or 8.5 x 11 in. / 22 x 28 cm or A4 paper in the paper input tray.

1. Insert the memory card into the memory card slot, or connect a camera or storage device (such as a flash drive) to the front USB port, then touch **View Photos**.

IMPORTANT: *Use only one slot or port at a time.*

2. Press ◀ or ▶ to select the panoramic picture you want to print, then press **OK**.
3. Press **Back** for Print Photos Options.
4. Press ▼ to select **Print Size**, then press ▶ to select **4 x 12**.
5. Press **Start.**

IMPORTANT: *To prevent loss of data from your memory card, do not remove it from the printer while printing.*

Zooming and cropping pictures

Use the zoom buttons to select a portion of your picture for printing.

To zoom and crop a picture:

1. Load photo paper with the logo side facing up (see Loading photo paper, page 38), and move the left paper-edge guide until it touches the paper.

2. Insert the memory card into the memory card slot or connect the digital camera or portable drive to the front USB port.

IMPORTANT: *Use only one slot or port at a time.*

left paper-edge guide

3. Press ◀ or ▶ to select the picture you want to crop, then press **OK**.

4. Press **Zoom +** to enlarge the picture on the LCD. A red box shows the area that will be printed.

    NOTE: You can press **Zoom +** repeatedly to enlarge the picture in increments of 0.25 up to a magnification of 5X. Press **Zoom –** to decrease the magnification in increments of 0.25 back down to 1X.

5. Use the navigation buttons to move the picture on the LCD up, down, left, or right. Only the part of the picture in the red box will print. The crop window matches the aspect ratio of the selected output print size.

6. After you have pressed the zoom button(s), press **Rotate** if you want to rotate the red box in 90 degree increments. This will determine the content that is printed.

    NOTE: Zooming and cropping does not change the saved picture on the memory card.

7. When you are satisfied with the picture, press **OK**. The picture appears in the original view with a red box around the portion of the picture that will print.

8. Press **Start** to begin printing.

Printing from a wireless device

You can print pictures wirelessly at the touch of a button from:

- iPhone (iOS 3.0 or later)
- iPod touch (2nd generation)
- iPad
- BLACKBERRY Device (software v4.5 or later)
- a device running ANDROID OS v2.0 or later

For more information, see Mobile Printing, page 65.

Transferring pictures to a computer

You can transfer your pictures from a memory card or USB-connected device in the printer to your computer. To transfer these files, the printer **must** be connected to your computer with a USB cable and Home Center Software must be installed on your computer.

NOTE: If you have large video files or a large number of pictures (400 or more), we recommend that you transfer them using a memory card reader attached directly to your computer.

Transferring pictures to a computer with WINDOWS OS

1. Insert the memory card into the memory card slot on the printer.
2. Press **Back**.
3. Press ▼ to select **View and Print Photos**, then press **OK**.
4. Press ▼ to select **Transfer All to PC**, then press **OK**.
5. Press **Start**.
6. If your computer is connected to a wireless network and with a USB cable, select the USB-connected printer (no number after the printer name).
7. Follow the on-screen instructions on your computer.

NOTE: You can adjust the Photo print settings using the Online Printer Management Tool. When viewing the tool in your browser (see Accessing the Online Printer Management Tool, page 16), select the **Settings** tab, then select **Copy & Print** > **Print Photo**.

Transferring pictures to a computer with MAC OS

1. Insert the memory card into the memory card slot on the printer.
2. Press **Back**.
3. Press ▼ to select **View and Print Photos**, then press **OK**.
4. Press ▼ to select **Transfer All to PC**, then press **OK**.
5. Press **Start**.
6. If your computer is connected to a wireless network and with a USB cable, select the USB-connected printer (no number after the printer name).
7. Use iPhoto or Image Capture on your computer to complete the transfer.

NOTE: You can adjust the Photo print settings using the Online Printer Management Tool. When viewing the tool in your browser (see Accessing the Online Printer Management Tool, page 20), select the **Settings** tab, then select **Copy & Print** > **Print Photo**.

6   Mobile Printing

Mobile printing lets you print to your all-in-one printer from your Web-connected mobile device.

When your:

- printer is registered to Google Cloud Print, you can print from anywhere with your mobile device using Google Cloud Print apps.
- printer has an email address (assigned by KODAK Email Print Service), you can send emails and email attachments to your printer from anywhere, from a device capable of sending email.
- mobile device is connected to the same wireless network as your printer, you can print pictures using a KODAK Pic Flick App.

When you plan to use mobile printing, make sure that your printer power is on or your printer is in low power mode (for information, see Time to Low Power under Configuring printer settings, page 5).

Printing using Google Cloud Print

Print on the go from your smartphone, computer, or tablet using Google Cloud Print enabled apps.

Before you can use Google Cloud Print, make sure your printer is set up for Google Cloud Print. See Setting up Cloud Printing, page 29.

Printing varies by application. For the latest update, go to www.google.com/cloudprint/learn/apps.html.

To print from a Chromebook:

Click the wrench and select **Print** to print the Web page you are viewing (you can also use the keyboard shortcut **Ctrl+P**).

To print from an iOS mobile device (iPhone, iPad, iPod touch):

- From GMAIL:
  - Email body: Select the email, then click the menu in the top-right corner and select **Print**.
  - Attachment: Click the **Print** button next to the attachment.
- From Google Docs:
  - Select the document, then click the menu in the top-right corner and select **Print**.

To print from an ANDROID OS device:

Install the Google Cloud Print App from the ANDROID Market.

To print from a computer:

Install the Chrome extension (plug in) from the Chrome Web store, then:

- From GMAIL:
  - Email body: Select the email, then click the **Print all using Google Cloud Print** link at the top right of the email.
  - Attachment: Select **Print attachment using Google Cloud Print**.
- From Google Docs:
  - Select **File > Print using Google Cloud Print**.
- Web pages (URL must end with .pdf, .doc, or .txt):
  - Click **Print using Google Cloud Print** when it appears on the URL address bar.
  - For the latest information on supported formats, go to the Chrome extension (plug in) Web site.

To print from a BLACKBERRY OS device:

We recommend you use KODAK Email Print.

Printing using KODAK Email Print Service

Printing emails, documents, and pictures

KODAK Email Print lets you send emails and email attachments (documents and pictures) to your printer from anywhere, using any device capable of sending email.

NOTE: Before you can use KODAK Email Print, your printer must be registered to Google Cloud Print (see Setting up Cloud Printing, page 29), and your printer must have an email address assigned by KODAK Email Print (see Registering your printer with KODAK Email Print Service, page 30).

To print using KODAK Email Print:

1. Make sure that your device or computer is connected to the Internet.
2. Open an email application (such as GMAIL, MICROSOFT OUTLOOK, HOTMAIL, YAHOO, iOS Mail, ANDROID OS Mail).
3. Write your email and attach the file(s) you would like to print.
4. Send the email to your printer email address.

   The email body and attachments will print to your printer.

NOTE: If your printer has a photo paper tray, .jpg files attached to your email will automatically print to the photo paper tray, and documents will print to the main paper tray.

Printing pictures from a mobile device

When connected to the same Wi-Fi network, you can print pictures wirelessly with your all-in-one printer from:

- an iPhone (iOS 3.0 or later), iPod touch device (2nd generation), iPad (may not be available with all models).
- a BLACKBERRY Device (software v4.5 or later).
- a device running ANDROID OS v2.0 or later.

Download the KODAK Pic Flick App from the App Store directly from your device, then follow the procedure for your device. For information, go to www.kodak.com/go/mobile.

Printing pictures from an iPhone, iPad, or iPod touch device

IMPORTANT: *Requires iOS 3.0 or later.*

To print a picture from an iPhone, iPad, or iPod touch device (2nd generation):

1. Make sure your device is connected to the same Wi-Fi network as your printer.
2. Open the KODAK Pic Flick application on your device.
3. Select the picture(s) you want to print, then select **Choose Device**.
4. Select your KODAK All-in-One Printer from the list of available devices.
5. Select **Send**.

Printing pictures from a BLACKBERRY Device

To print a picture from a BLACKBERRY Device (software v4.5 or later):

1. Make sure your BLACKBERRY Device is connected to the same Wi-Fi network as your printer.
2. Open the KODAK Pic Flick application on your device.
3. Select the picture(s) you want to print.
4. Press the **Menu** key, then select **Print**.
5. Select your KODAK All-in-One Printer from the list of available devices.
   NOTE: It may take a few minutes for the printer to appear in the Available Printers list.
6. Select the print size and enter the number of copies.
7. Select **Print**.

Printing pictures from an **ANDROID OS Device**

To print a picture from a device running ANDROID OS v2.0 or later:

1. Make sure your device is connected to the same Wi-Fi network as your printer.
2. Open the KODAK Pic Flick application on your device.
3. Select the picture(s) you want to print.
4. Select **View/Edit** to edit the picture(s), or go to step 5.
   a. Press and hold the screen to enter the edit mode.
   b. Rotate, move, pan, zoom, or crop the picture.
5. Press **Select Device**, then select your KODAK All-in-One Printer.
6. Select the print size.
7. Press **Back**, then select **Send**.

7 Copying

You can copy documents and pictures with your all-in-one printer. The printer produces high–quality color or black-and-white copies on a variety of paper types (see Paper types, page 34).

Copying a document

You can copy a document using the default settings, or you can adjust the quantity, size, quality, and brightness of your copies.

Using the default settings to copy a document

The default settings are either the factory default settings (see Resetting factory defaults, page 95), or defaults that you have set on the printer (see Save as Defaults, page 60).

To copy a document using the current default settings:

1. Lift the scanner lid, and place the document face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. Press **Start** to begin copying.

Adjusting the settings and copying a document

1. Lift the scanner lid, and place the document face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. Make sure **Copy Document** is selected, then press **OK**.
5. Press ▼ to select an option, then press ◀ or ▶ to change the setting.

Copy Document Option	Setting	Description
Quantity	1 (default) to 99	The number of copies that print.
Color	Color (default)	Prints full color.
	Black & White	Prints black and white (gray scale).
Copy Size	Same Size (default)	The copy is the same size as the original.
	Fit to Page	The printer detects the size of the original on the scanner glass and the size of the paper in the paper input tray, and automatically reduces or enlarges the original so that the copy fits on the paper.
	20% to 500%	Reduces 20% or enlarges to 500% of the original size.

Copy Document Option	Setting	Description
Plain Paper Quality	Normal (default)	Good quality output; prints faster than Best.
	Best	The highest quality, but the slowest print speed; eliminates the banding effect that sometimes occurs when printing Draft or Normal.
	Draft	The fastest print speed, but the lowest quality.
Photo Paper Quality	Automatic (default)	The printer detects photo paper in the paper input tray and sets Best quality automatically.
Brightness	Normal, −3 to +3 (Normal is default)	Lightens or darkens the copy. Normal is no change from the original; −3 is the darkest; +3 is the lightest.
Save as Defaults	No / Yes	To save the settings as the new default, press **OK**. With **Yes** selected, press **OK**.

6. Press **Start** to begin copying.

Changing the number of copies of a document

1. Lift the scanner lid, and place the document face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. Make sure **Copy Document** is selected, then press ◀ or ▶ to select a number.
5. Press **Start** to begin copying.

Enlarging or reducing a document

1. Lift the scanner lid, and place the document face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. Make sure **Copy Document** is selected, then press **OK**.
5. Press ▼ to select **Copy Size**.
6. Press ◀ or ▶ to select an enlargement or reduction.
7. Press **Start** to begin copying.

Darkening or lightening a copy

1. Lift the scanner lid, and place the document face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. With **Copy Document** selected, press **OK**.
5. Press ▼ to select **Brightness**.
6. Press ◀ to select a number below zero for a darker copy, or press ▶ to select a number above zero for a lighter copy.
7. Press **Start** to begin copying.

Copying a photo

You can copy a photo using the default settings, or you can adjust the quantity, size, quality, and brightness of your copies.

Using the default settings to copy a photo

The default settings are either the factory default settings (see Resetting factory defaults, page 95), or defaults that you have set on the printer (see Save as Defaults, page 66).

To copy a photo using the current default settings:

1. Lift the scanner lid, and place the photo face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. Press ▼ to select **Copy Photo**.
5. Press **Start** to begin copying.

Adjusting the settings and copying a photo

1. Lift the scanner lid, and place the photograph face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. Press ▼ to select **Copy Photo**, then press **OK**.
5. Press ▼ to select an option, then press ◀ or ▶ to change the setting.

Copy Photo Option	Setting	Description
Quantity	1 (default) to 99	The number of copies that print.
Color	Color (default)	Prints full color.
	Black & White	Prints black and white (gray scale).
Copy Size	2 x 3 3.5 x 5 4 x 6 (default) 4 x 7 4 x 8 5 x 7 4 x 12 8 x 10 8.5 x 11 or A4	The printer enlarges or reduces the original to make it the copy size you select. If the selected copy size is smaller than the paper in the paper input tray, the printer automatically arranges the pictures to best fit the paper size.

Copy Photo Option	Setting	Description
Plain Paper Quality	Normal (default)	Good quality output; prints faster than Best.
	Best	The highest quality, but the slowest print speed; eliminates the banding effect that sometimes occurs when printing Draft or Normal.
	Draft	The fastest print speed, but the lowest quality.
Photo Paper Quality	Automatic (default)	The printer detects when you load photo paper and sets Best quality automatically.
Brightness	Normal (default) −3 to +3	Lightens or darkens the copy. Normal is no change from the original; −3 is the darkest; +3 is the lightest.
Preview	No (default) Yes	To see a preview of the photograph on the LCD, select **Yes**.
Save as Defaults	No / Yes	To save the settings as the new default, press **OK**. With **Yes** selected, press **OK**.

6. Press **Start** to begin copying.

Changing the number of copies of a photo

1. Lift the scanner lid, and place the photo face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. Press ▼ to select **Copy Photo**, then press **OK**.
5. Make sure **Quantity** is selected.
6. Press ◀ or ▶ to select a number.
7. Press **Start** to begin copying.

Enlarging or reducing the size of a copy of a photo

1. Lift the scanner lid, and place the photo face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. Press ▼ to select **Copy Photo**, then press **OK**.
5. Press ▼ to select **Copy Size**.
6. Press ◀ or ▶ to select the copy size.
7. Press **Start** to begin copying.

Darkening or lightening a copy of a photo

1. Lift the scanner lid, and place the photo face down in the right-front corner of the scanner glass.

2. Close the lid.
3. Press **Home**.
4. Press ▼ to select **Copy Photo**, then press **OK**.
5. Press ▼ to select **Brightness**.
6. Press ◀ to select a number below zero for a darker copy, or press ▶ to select a number above zero for a lighter copy.
7. Press **Start** to begin copying.

8   Scanning

Scanning digitizes documents and pictures, and sends the digital files to your computer, memory card, email, network folder, or USB flash drive.

To scan to a computer, the Home Center Software must be installed on that computer, unless you are using the Online Printer Management Tool. (See Accessing the Online Printer Management Tool, page 16.)

When you scan, the digital file can:

- open in Home Center Software (when connected to a computer with WINDOWS OS)
- open in a third-party scanner software
- be saved in a format and location that you determine (see Changing the scan settings for scanning from the control panel, page 71)

Scanning from a software program on the computer (such as Home Center Software) gives you more options, but you can also scan from the printer control panel.

Before you begin scanning

If you are scanning to a computer, make sure that the printer is connected to a computer using a USB 2.0 cable or wireless network (see Networking Your Printer, page 6).

If you want to scan to an email address or to a shared network, you need to:

- make sure the printer is connected to a computer using a wireless connection
- set up a profile using the Online Printer Management Tool (see Setting up Scan To Email, page 19 and Setting up Scan To Network Folder, page 25)

Changing the scan settings for scanning from the control panel

If you want to adjust the scan settings that the printer uses, do so before you scan from the printer control panel.

NOTE: These settings do not apply to Scan to Email or Scan to Network Folder. To change scan settings for scanning to email or to network folder, see Setting options for scan to email, page 23 or Setting scan settings for scan to network folder, page 28.

1. Open Home Center Software, then open the **Printer Tools** (WINDOWS OS) or **Tools** (MAC OS) window.

NOTE: To get to Printer Tools without Home Center Software (WINDOWS OS only), select **Start** > **All Programs** > **Kodak** > **KODAK AiO Printer Tools**.

2. Under the Tools heading, select **Printer Scan Settings**.
3. Adjust settings for scanning documents and pictures:

a. To select a program that scanned images or documents will appear in when you scan from the printer control panel:

(1) Select the **General** tab.

(2) Under the Program List heading, click ▼ next to the currently selected program.

(3) From the list, select the program in which you want the scanned files to open.

b. To adjust settings for scanning documents, select the **Document** tab, then select an option for each setting:

Setting	Options
File format	.pdf .rtf (available only when connected to a computer with WINDOWS OS) .tif .jpg .bmp (available only when connected to a computer with MAC OS)
Resolution (dpi)	75 150 200 300
File Save	Prompt for File Name and Location Automatically Save - specify: • Base name; by default, scanned files are named "scan1", "scan2", and so on • Location (folder) where the scanned files will be saved

c. To adjust settings for scanning pictures, select the **Picture** tab, then select an option for each setting:

Setting	Options
File format	.jpg .bmp .tif
Resolution (dpi)	75 150 300 600
Quality	When connected to a computer with WINDOWS OS: • Best for E-mail • Normal • High • Maximum When connected to a computer with MAC OS, a slider bar with: • Least • Medium • Best
Automatically Detect Pictures (when connected to a computer with WINDOWS OS) or Auto Crop (when connected to a computer with MAC OS)	When selected, multiple pictures placed on the scanner glass are saved as separate files.
File Save	Prompt for File Name and Location Automatically Save - specify: • Base name; by default, scanned files are names "scan1", "scan2", and so on. • Location (folder) where the scanned files will be saved

NOTE: Before you save a scanned file in Home Center Software, you can preview, crop, and sharpen the image, and adjust the color. On a computer with WINDOWS OS, see the Home Center Software Help (**?** icon) for instructions.

4. When you are finished making a selection, click **OK** on the bottom right of the Printer Scan Settings window.

5. Close the Printer Tools window.

Scanning from the control panel

When you scan a document or picture(s) from the control panel, you have the following options:

- **Scan to Computer** - scans to a file or to Home Center Software on your computer
- **Scan to Memory Card** - scans to a memory card in the memory card slot
- **Scan to USB Flash Drive** - scans to a flash drive attached to the front USB port
- **Scan to Email*** - scans to an email address that you select from the Email Profile you set up in the Online Printer Management Tool
- **Scan to Network Folder*** - scans to a shared network folder that you designated in the Online Printer Management Tool

* Before you can use these options, you must set up Scan to Email (see Setting up Scan To Email, page 19) and Scan to Network Folder (see Setting up Scan To Network Folder, page 25) from the Online Printer Management Tool.

Scanning to a computer

To scan to a computer:

1. Lift the scanner lid, and place the original face down in the right-front corner of the scanner glass, then close the lid.

2. Press ▼ to select **Scan**, then press **OK**.
3. Select **Scan to Computer**, then press **OK**.
4. Press ▼ to select an option, then press ◄ or ► to change the setting.

Scan Option	Settings	Description
Scan To	USB-connected Computer (default)	The scanned file is sent to the USB-connected computer.
	Name of computer (only if a computer is connected by wireless or Ethernet network)	The scanned file is sent to the computer on the wireless or Ethernet network.
Scan What	Document (default)	Sets the scan settings for scanning a document (see Changing the scan settings for scanning from the control panel, page 71).
	Photo	Sets the scan settings for scanning a picture (see Changing the scan settings for scanning from the control panel, page 71).

Scan Option	Settings	Description
Destination	File (default)	Sends the scanned file in the format and to the location on your computer that you designate.
	Application (available only when Home Center Software is installed on computer)	Sends the scanned file to Home Center Software.
Save as Defaults	No / Yes	To save the settings as the new default, press **OK**. With **Yes** selected, press **OK**.

5. Press **Start**. The scanned file appears at the destination you specified.

Scanning to a memory card or USB flash drive

To scan to a memory card or USB flash drive:

1. Lift the scanner lid, and place the original face down in the right-front corner of the scanner glass, then close the lid.

2. Press ▼ to select **Scan**, then press **OK**.

3. Press ▼ to select **Scan to Memory Card** or **Scan to USB Flash Drive**, then press **OK**.

4. Press ▼ to select an option, then press ◀ or ▶ to change the setting.

Scan Option	Settings	Description
Scan What	Photo (default)	Sets the scan settings for scanning a picture (see Changing the scan settings for scanning from the control panel, page 71).
	Document	Sets the scan settings for scanning a document (see Changing the scan settings for scanning from the control panel, page 71).
File Type	JPG (default)	The scanned file is saved as a JPG.
	Single-page PDF	The scanned file is saved as a single-page PDF.
	Multi-page PDF	The scanned file is saved as a multiple-page PDF.

Scan Option	Settings	Description
Scan Size	Auto (default) 2 x 3 3.5 x 5 4 x 6 4 x 7 4 x 8 5 x 7 4 x 12 8 x 10 8.5 x 11 A4 8.5 x 14	Determines the size that is scanned.
Save as Defaults	No / Yes	To save the settings as the new default, press **OK**. With **Yes** selected, press **OK**.

5. Press **Start**. The scanned file appears at the destination you specified.

Scanning to email

You can scan your original and immediately send the scanned file by email to one or more recipients directly from the printer.

NOTE: You must first use the Online Printer Management Tool to set up scanning to email options (see Setting up Scan To Email, page 19).

1. Lift the scanner lid, and place the original face down in the right-front corner of the scanner glass, then close the lid.

2. Press ▼ to select **Scan**, then press **OK**.
3. Press ▼ to select **Scan To Email**, then press **OK**.
4. Select an outgoing email profile (the person from whom the email with the scan attachment is sent), then press **OK**.
5. If necessary, enter the 4-digit PIN number (see page 22), select **Done**, then press **OK**.
6. Select an email recipient, then press **OK**.
7. Repeat step 6 for each recipient.
8. Press **Start**.

Scanning to network folder

You can scan your original and immediately send the scanned file to a network folder directly from the printer.

NOTE: You must first use the Online Printer Management Tool to set up scanning to network folder options (see Setting up Scan To Network Folder, page 25).

1. Lift the scanner lid, and place the original face down in the right-front corner of the scanner glass, then close the lid.

2. Press ▼ to select **Scan**, then press **OK**.
3. Press ▼ to select **Scan to Network Folder**, then press **OK**.
4. Select **Sharing folder**, then press **OK**.
5. If necessary, enter the 4-digit PIN number (see page 27), select **Done**, then press **OK**.
6. Press **Start**.

Scanning from the computer

1. Lift the scanner lid, and place the original face down in the right-front corner of the scanner glass.

2. Close the lid.

3. Open Home Center Software, then:
   - On a computer with WINDOWS OS, select **Scan Documents and Pictures**, then follow the on-screen instructions.
   - On a computer with MAC OS and Home Center Software version 6.0, select the **Tools** tab, click **Scan Application**, then follow the on-screen instructions.

NOTE: If you are not using Home Center Software, open a program that allows you to scan, then follow the instructions.

Scanning multiple pictures simultaneously

Using Home Center Software, you can scan multiple pictures simultaneously and save them as separate files.

When scanning multiple pictures, leave space between the pictures so that the printer can detect the separate pictures. Any pictures that overlap are interpreted as a single picture.

Scanning multiple pictures when connected to a computer with WINDOWS OS

To scan multiple pictures simultaneously, and save them as separate files:

1. Lift the scanner lid, and place the pictures face down on the glass, leaving space between the pictures.
2. Close the lid.
3. Open Home Center Software, then select **Printer Tools**.
4. Click **Printer Scan Settings**, then select the **Picture** tab.
5. Select **Automatically Detect Pictures**, if it is not selected, then click **OK**.
6. Click the Home icon in the top right corner, then select **Scan Documents and Pictures**.
7. Make sure that **Picture** is selected and **Collage - Combine all pictures** is cleared, then follow the on-screen instructions.

NOTE: Click the Help (**?** icon) for additional instructions.

Scanning multiple pictures when connected to a computer with MAC OS

To scan multiple pictures simultaneously, and save them as separate files:
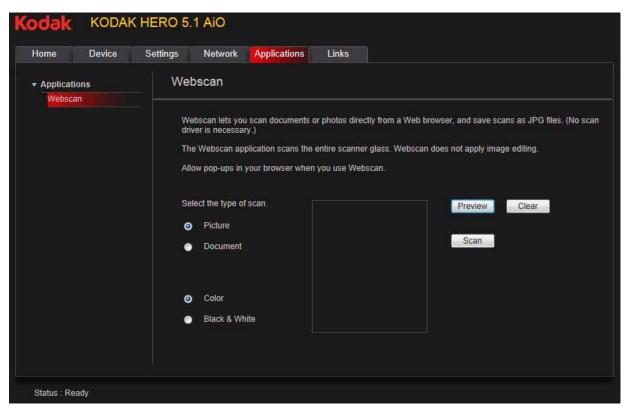
1. Lift the scanner lid, and place the pictures face down on the glass, leaving space between the pictures.
2. Close the lid.
3. Open Home Center Software, then select your printer.
4. Select the **Tools** tab.
5. Click **Scan Application**.
6. Select **Color Picture** or **Black and White Picture**.
7. Select **Automatically detect multiple pictures**, if it is not selected.
8. Click **Preview** or **Scan All**, then follow the on-screen instructions.

NOTE: Click the Help (**?** icon) for additional instructions.

Scanning from the Online Printer Management Tool

You can use an Internet browser to initiate a scan from the Online Printer Management Tool on a computer that is connected to the same network as the printer.

1. Open the Online Printer Management Tool (see Accessing the Online Printer Management Tool, page 16).
2. Select the **Applications** tab.
3. Select **Applications** > **Webscan**.

4. Select the type of scan you want, and place the original on the scanner glass.
5. Click **Preview** to see what will be scanned.
   - If needed, click **Clear** to reposition the original.
6. When you are satisfied with the preview, click **Scan**. The scanned file will display in a new browser window.
7. In the new browser window, select **File** > **Save As** to save the file as a JPEG image on your computer.

9 Maintaining Your Printer

Your printer requires little maintenance. However, Kodak recommends cleaning the scanner glass and lid regularly to remove dust and fingerprints, which affect the quality and accuracy of scanning and copying.

Except while cleaning the printer, keep the printer plugged into an AC power outlet. If you use a power strip, don't turn off the power strip. (The printer does not necessarily have to be turned on, but should be plugged in.)

Keep the printhead and ink cartridges in the printer at all times to help prevent damage to the printhead.

For recycling and/or disposal information, contact your local authorities. In the US, go to the Electronics Industry Alliance at www.eia.org or go to www.kodak.com/go/recycle.

General care and cleaning

⚠ CAUTION:
Always disconnect the power to the printer before cleaning it. Do not use harsh or abrasive cleaners on any part of the printer.

- To clean the printer, wipe the outside with a clean, dry cloth.
- Keep the surrounding area vacuumed and litter-free.
- Protect the printer from tobacco smoke, dust, and liquid spills.
- Do not place objects on the printer.
- Keep the paper trays free of dust, dirt, and other foreign objects.
- Keep the printer supplies away from direct sunlight and out of high-temperature environments.
- Do not allow chemicals to come into contact with the printer.

Cleaning the scanner glass and document backing

The scanner glass can get smudged and minor debris can accumulate on the white document backing under the scanner lid. Periodically clean the scanner glass and document backing.

⚠️ CAUTION:
Do not use harsh or abrasive cleaners on any part of the printer.
Do not spray liquid directly on the glass.
Do not use paper-based wipes on the document backing as they can scratch it.

1. Turn off the printer and unplug it from the power outlet.
2. Lift the scanner lid.

Document backing

Scanner glass

3. Wipe the glass with a soft cloth or sponge, slightly moistened with a nonabrasive glass cleaner.

4. Dry the glass with a lint-free cloth.
5. Gently clean the document backing with a soft cloth or sponge, slightly moistened with mild soap and warm water.

6. Dry the document backing with a chamois or lint-free cloth.

   NOTE: If the document backing needs further cleaning, use isopropyl (rubbing) alcohol on a soft cloth, then wipe thoroughly with a cloth moistened with water to remove any residual alcohol.

7. When you finish cleaning, plug in the printer.

Replacing ink cartridges
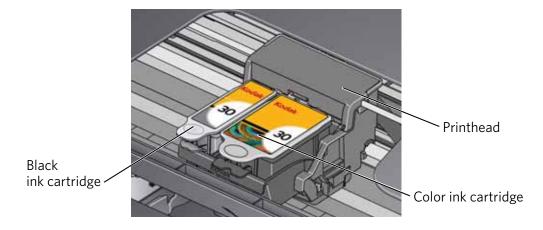
Your printer uses both black and color ink cartridges. You can check the approximate ink levels on the LCD (see Checking ink levels, page 94) or in Home Center Software. When an ink cartridge is out of ink, the printer LCD displays a message stating that the black or color ink cartridge needs replacing.

IMPORTANT: *Do not use non-Kodak brand or refilled ink cartridges.*
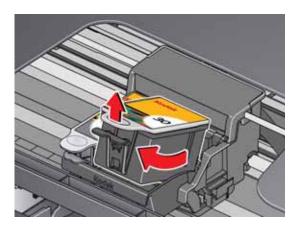
1. Make sure the printer is on.
2. Lift the access door, and wait for the carriage to move to the access position.

The ink cartridges are located in the printhead.

Black
ink cartridge

Printhead

Color ink cartridge

3. Pinch the tab on the ink cartridge and lift it out of the printhead.

4. Remove the new ink cartridge from its bag.
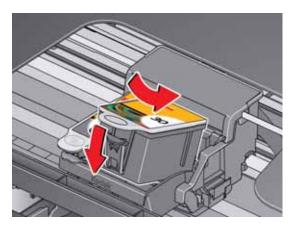
IMPORTANT: *To prevent the printhead from drying out, insert the ink cartridge into the printhead immediately.*
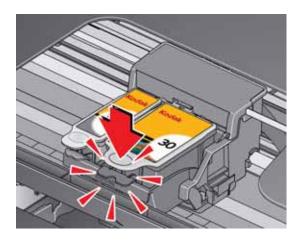
5. Remove the cap.

6. Insert the ink cartridge into the printhead.

7. Press down on the ink cartridge tab until you hear a click.

8. Close the access door.
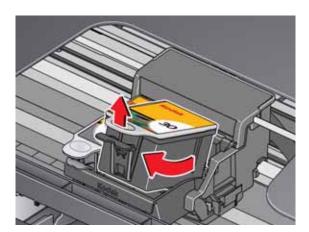
Replacing the printhead

IMPORTANT: *Replacing the printhead is not a regular maintenance procedure. Replace the printhead only if you receive a new printhead from Kodak.*
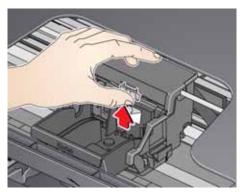
1. Make sure the printer is on.

2. Lift the access door, and wait for the carriage to move to the access position.
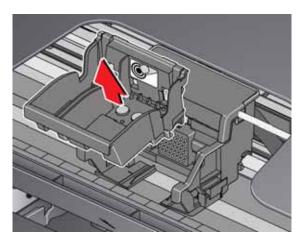
3. Remove both ink cartridges and set them aside.
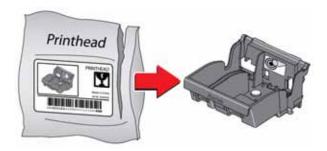
4. Unlatch the existing printhead by lifting the button.

5. Lift the used printhead out of the carriage.
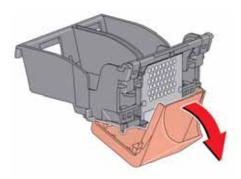
6. Remove the new printhead from its bag.
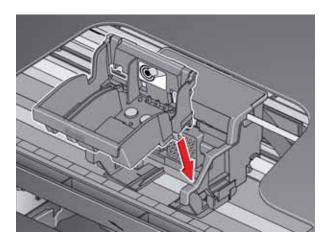
⚠ CAUTION:
Do not touch the gold contacts on the printhead, as doing so may damage it.
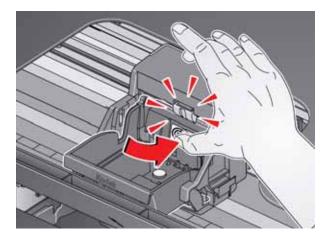
7. Remove the protective cap from the printhead.
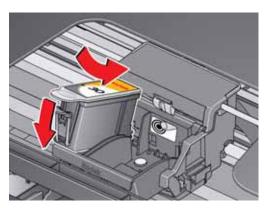
8. Place the new printhead into the carriage.
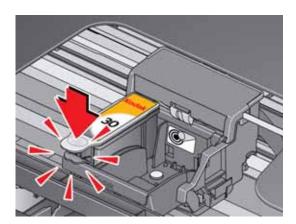
9. Push firmly against the target label of the printhead until you hear a click.
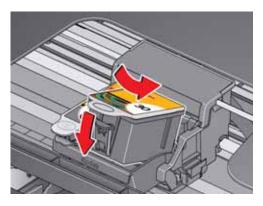
10. Insert the black ink cartridge into the printhead.
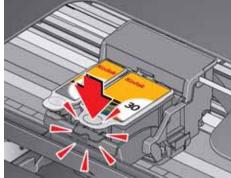
11. Press down on the ink cartridge tab until you hear a click.

12. Repeat steps 10 - 11 for the color ink cartridge.

13. Close the access door.

    The printer detects the new printhead. Follow the instructions on the control panel to calibrate your printer.

Updating the software and printer firmware

Using the latest software and firmware helps ensure optimal performance of your printer.

NOTE: Firmware is the software that runs on your printer.

Although there is an automatic check for software and firmware updates when your computer is connected to the Internet, you may update manually using the following procedure.

Updating if your printer is connected to a computer with WINDOWS OS

To update the software:

1. Make sure your computer is connected to the Internet.
2. Open Home Center Software, then select **Printer Tools**.

NOTE: If you do not have Home Center Software, select **Start** > **All Programs** > **Kodak** > **KODAK AiO Printer Tools**.

3. Under Printer Resources, click **Check for Software Updates** to check whether software updates are available.
4. If there are updates, click **Next** and follow the on-screen instructions.

To update the printer firmware:

1. Make sure your computer is connected to the Internet.
2. Connect the printer to the computer with a USB cable or wirelessly (if not currently connected).
3. Open Home Center Software, then select **Printer Tools**.
4. Make sure that **KodakHERO5.1+xxxx - Connected** (or a similar name with **Connected**) appears in the lower left corner of the Printer Tools window.

NOTE: If **KodakHERO5.1+xxxx - Connected** does not appear in the lower left corner, click **Select**, click **Refresh List** and choose your printer from the list; click **OK** and follow the on-screen instructions.

5. Under Printer Resources, click **Check for Printer (Firmware) Updates**.
6. If there are updates, click **Next** and follow the on-screen instructions.

IMPORTANT: *Do not turn off or disconnect your printer or your computer during the update. Doing so may cause the printer to become inoperable. If the printer is connected wirelessly, make sure you have a stable connection when you perform the update. During the upgrade, your printer will restart. Wait for the message, "Update complete! You may now use your Kodak Printer" to appear on your computer.*

Updating if your printer is connected to a computer with MAC OS

To update the software:

1. Make sure your computer is connected to the Internet.
2. Open Home Center Software.
3. Select the **Tools** tab.
4. Click **Check for Software Updates**.
5. If there are updates, follow the on-screen instructions.

To update the firmware:

1. Make sure your computer is connected to the Internet.
2. Connect the printer to the computer with a USB cable or wirelessly (if not currently connected).
3. Open Home Center Software.
4. Select the **Tools** tab.
5. Click **Check for Printer (Firmware) Updates**.
6. If there are updates, follow the on-screen instructions.

IMPORTANT: *Do not turn off or disconnect your printer or your computer during the update. Doing so may cause the printer to become inoperable. Your printer will restart during the upgrade.*

Monitoring and adjusting printer performance

From the control panel, you can perform tasks to help keep the printer functioning well.

Checking ink levels

To check the ink levels:

1. Press **Home**.
2. Press ▼ to select **Maintenance**, then press **OK**.
3. With **Check Ink Levels** selected, press **OK**.

   The LCD shows approximate levels of ink in the cartridges so you know when it's time to order replacement cartridges.

   NOTE: You can order ink cartridges online. Go to www.kodak.com/go/printingsupplies.

Checking paper levels

To check the paper levels:

1. Press **Home**.
2. Press ▼ to select **Maintenance**, then press **OK**.
3. With **Check Paper Levels** selected, press **OK**.

   The LCD shows approximate levels of paper in each paper tray so you know when it's time to add more paper.

   NOTE: You can order paper online. Go to www.kodak.com/go/inkjetpaper.

Resetting factory defaults

To reset defaults to the factory default settings:

1. Press **Home**.
2. Press ▼ to select **Printer Settings**.
3. Press ▼ to select **Reset All Settings**, then press **OK**.
4. When you see the message, "This will reset printer settings to factory defaults," press **OK**.

NOTE: Resetting factory defaults does not change the date and time, language, country/region, or network settings.

10　Troubleshooting

Basic troubleshooting

If you experience a problem with your printer, restarting it will sometimes fix the problem. Turn off your printer, wait five seconds, then turn on your printer.

If you are still experiencing a problem, use the following information to troubleshoot your printer.

Problem	Possible Solutions
Printer does not power on	• Make sure you are using the power cord that came with your printer. • Make sure the power cord is connected to the AC adapter, it is plugged into an outlet or power strip, and that the LED on the AC adapter is lit. • Make sure that the power cord is securely connected to the power cord port in the back of the printer.

Printer not detected	• Make sure your printer is plugged in and turned on.
	• If you are using a USB cable, make sure that:
	  – it is a USB 2.0 High-Speed cable.
	  – it is connected to both your printer and your computer.
	  – you restart the computer if the USB cable was disconnected from the printer then reconnected, or if power to the printer was interrupted.
	• If you are using a wireless connection, make sure:
	  – the Wi-Fi connectivity LED on the printer is glowing steadily.
	  – the printer is connected to your wireless network.
	    To check:
	    a. On the printer, press **Home**.
	    b. Press ▼ to select **Network Settings**, then press **OK**.
	    c. Press ▼ to select **View Network Configuration**, then press **OK**.
	      Make sure that the Active Connection Type is Wi-Fi, and that the IP Address is not zeros.
	  – your router is transmitting data.
	  – the firewall (excluding WINDOWS Firewall) is allowing the services needed for your printer.
	  For additional information, go to www.kodak.com/go/inkjetnetworking.

Wireless connectivity problems	For wireless connectivity issues, go to www.kodak.com/go/inkjetnetworking.
Carriage jam	• Open the access door and clear any obstructions. • Make sure the printhead and ink cartridges are installed correctly. (The printhead and ink cartridges are installed correctly when you hear them click into place.)

Problem	Possible Solutions

Print quality	• For best results, use KODAK Paper or a paper with the COLORLOK Technology logo on the package.
	• Make sure the paper is loaded correctly. See Loading paper, page 36.
	• Clean the printhead:
	  – Press **Home**.
	  – Press ▼ to select **Maintenance**, then press **OK**.
	  – Press ▼ to select **Clean Printhead**, then press **OK**.
	• Calibrate the printer:
	  – Press **Home**.
	  – Press ▼ to select **Maintenance**, then press **OK**.
	  – Press ▼ to select **Calibrate Printer**, then press **OK**.
	For more information, go to www.kodak.com/go/hero5_1support, then type the problem in the search field.

Ink cartridge errors	• Make sure KODAK Ink Cartridge(s) are installed. Do not use non-Kodak brand or refilled ink cartridges. • Remove, then install the cartridges again. Make sure the cartridges click into place.
Paper jam	• Check for paper in the duplexer. • Open the access door and gently remove any paper from inside the printer. • Make sure the paper in the tray is free of tears or creases. • Make sure you do not overload the paper input tray. For more information, go to www.kodak.com/go/hero5_1support, then type **jam** in the search field.
Error codes/messages or other problems you cannot resolve	• Go to www.kodak.com/go/aiosupport, then type your error code or message. If you need to contact Kodak (see www.kodak.com/go/contact), have the following information available: • Kodak Service Number (located inside the printer when you open the access door) • Printer model number (located on the control panel) • Computer model, operating system, and version of Home Center Software • Exact wording of any error message(s) and the error code.

Getting help on the Web

For more troubleshooting information:

Get help with wireless networking.	www.kodak.com/go/inkjetnetworking
Search our knowledge base of FAQs (Frequently Asked Questions).	www.kodak.com/go/hero5_1support
Download the latest firmware and software for optimal printer performance.	www.kodak.com/go/hero5_1downloads
Check the Extended User Guide for detailed instructions and the recommended system requirements.	www.kodak.com/go/hero5_1manuals
Get help with problems you cannot resolve.	Contact Kodak at www.kodak.com/go/contact and have the following information available: – Kodak Service Number (located inside the printer when you open the access door) – Printer model number (located on the control panel) – Computer model, operating system, and version of Home Center Software

Status lights

The status lights indicate the condition of the printer. There are two status lights on the printer, one that indicates power, the other indicates Wi-Fi status.

Power status light

Power light	What it means
Off	• The printer is turned off. – Press the power button to turn on power. The printer does not have power. – Make sure that the power cord is plugged into the back of the printer and into an electrical outlet, and that the electrical outlet has power.
Blinking	The printer is busy. • Wait for the printer to finish the task.
On	The printer is ready.

Wi-Fi status light

Power light	What it means
Off	The Wi-Fi radio is either turned off, or is turned on but not connected to a wireless network.
Blinks continuously	The Wi-Fi radio is turned on and the printer is searching for available wireless networks within range.
Blinks intermittently	The Wi-Fi radio is turned on and the printer cannot find any available wireless networks within range, or the Wi-Fi radio connection has been interrupted, or is too weak to send signals to and from the printer To find and connect to an available wireless network within range, press **OK**, turn the Wi-Fi radio off, and run the Wi-Fi Setup Wizard (see Connecting to a wireless network, page 6).
On	The Wi-Fi radio is turned on and there is a working connection between the printer and a wireless network.

11 Product and Safety Specifications

The following specifications are subject to change without notice.

Specifications and features

Print performance

Black print speed	8 images per minute
Color print speed	6 images per minute
Print technology	Continuous-tone, thermal inkjet
Print quality modes	Draft, Normal, and Best on plain paper
	Best on photo paper

Photo printing features

Quantity	1 to 99
Print sizes	2 x 3 in. / 5 x 8 cm
	3.5 x 5 in. / 9 x 13 cm
	4 x 6 in. / 10 x 15 cm
	4 x 7 in. / 10 x 18 cm
	4 x 8 in. / 10 x 20 cm
	4 x 12 in. / 10 x 30 cm (Panoramic)
	5 x 7 in. / 13 x 18 cm
	8 x 10 in. / 20 x 25 cm
	US Letter - 8.5 x 11 in. / 22 x 28 cm
	A4 - 8.3 x 11.7 in. / 21 x 30 cm
Quality	Best, Normal, Draft modes on plain paper
	Best on photo paper
Auto-detect media	Auto-detect plain paper and photo papers
	Optimize image quality for KODAK Photo Papers with barcode
Image enhancement	KODAK PERFECT TOUCH Technology with
	Home Center Software (from computers only)
Add date to prints	No (default), Yes
Color	Black and white or color
Scene balance	On (default), Off

Copy document features

Color	Black and white or color
Quantity	1 to 99 copies
Copy sizes	Same Size, Fit-to-Page, 20% to 500%
Plain paper quality	Best, Normal, Draft
Brightness	−3 to + 3

Copy photo features

Color	Black and white or color
Quantity	1 to 99 copies
Copy sizes	2 x 3 in. / 5 x 8 cm
	3.5 x 5 in. / 9 x 13 cm
	4 x 6 in. / 10 x 15 cm
	4 x 7 in. / 10 x 18 cm
	4 x 8 in. / 10 x 20 cm
	4 x 12 in. / 10 x 30 cm
	5 x 7 in. / 13 x 18 cm
	8 x 10 in. / 20 x 25 cm
	US Letter - 8.5 x 11 in. / 22 x 28 cm
	A4 - 8.3 x 11.7 in. / 21 x 30 cm
Quality	Automatic
Brightness	–3 to + 3

Scanning features

Scanner type	Contact Image Sensor (CIS)
Scan sizes	Maximum size of original scanned from scanner glass:
	8.5 x 11.7 in. (22 x 30 cm)
Resolution and Bit Depth	Supports native scan resolution of 1200 dpi
	Scans at 8 bits per channel, with 3-color scans at 24 bits/pixel
Functions	Segmentation scanning
	Auto-destination
	OCR
	Auto picture detection

Paper input tray features

Paper capacity	100 sheets of 20 lb plain paper
	20 sheets of photo paper, up to 12 mil (290 gsm)
	20 envelopes
Tray size	4 x 6 in. to 8.5 x 14 in. / 10 x 15 cm to 21.6 x 36 cm

Paper types supported

Plain paper	20 to 24 lb (60 to 90 gsm)
Photo paper	6.5 to 12 mil / 290 gsm, maximum
Card stock	110 lb index / 200 gsm, maximum
Envelopes	20 to 24 lb (75 to 90 gsm)
Transparencies	All commercially available inkjet varieties (with a white stripe)
Labels	All commercially available inkjet varieties on 8.5 x 11 in. and A4 size sheets
Iron-on transfers	All commercially available inkjet varieties on 8.5 x 11 in. and A4 size sheets

Paper sizes supported

Plain paper	A4 (8.3 x 11.7 in. / 21 x 30 cm)
	A5 (5.8 x 8.3 in. / 15 x 21 cm)
	A6 (4.1 x 5.8 in. / 11 x 15 cm)
	B5 (6.9 x 9.8 in. / 18 x 25 cm)
	US Executive (7.3 x 10.5 in. / 18 x 27 cm)
	US Letter (8.5 x 11 in. / 22 x 28 cm)
	US Legal (8.5 x 14 in. / 22 x 36 cm))
	Custom sizes from 4–8.5 in. / 10–22 cm wide and 6–14 in. / 15–36 cm long
Labels	A4 (8.3 x 11.7 in. / 21 x 30 cm)
	US Letter (8.5 x 11 in. / 22 x 28 cm)
Index card stock	4 x 6 in. index cards (10 x 15 cm)
	5 x 7 in. index cards (13 x 18 cm)
Transparencies and iron-on transfers	A4 (210 x 297 mm)
	US Letter (8.5 x 11 in.) (216 x 280 mm)
Envelopes	C5 (6.7 x 9 in. / 16 x 23 cm)
	C6 (4.5 x 6.4 in. / 11 x 16 cm)
	DL (designated long) (4.3 x 8.7 in. / 11 x 22 cm)
	US #7¾ (3.9 x 7.5 in. / 10 x 19 cm)
	US #9 (3.9 x 8.9 in. / 10 x 23 cm)
	US #10 (4.12 x 9.5 in) (105 x 241 mm)

Photos	4 x 6 in. (10 x 15 cm)
	4 x 7 in. (10 x 18 cm)
	4 x 12 in. (10 x 31 cm)
	5 x 7 in. (13 x 18 cm)
	8 x 10 in. (20 x 25 cm)
	US Letter (8.5 x 11 in. / 22 x 28 cm)
	A4 (8.3 x 11.7 in. / 21 x 30 cm)

Ink cartridges

Ink handling	2-cartridge, 4-ink system
Ink life	1-year warranty from date of purchase

Connectivity

Protocols supported	USB 2.0 High Speed; DPOF
Devices supported	WINDOWS OS-based and MAC OS Computers, memory cards (SD, MS/Duo, MMC, SDHC)
Image Formats supported	Image printing supports JPEG (EXIF v2.2); does not support progressive JPEG format
Number of USB ports	One port on the back for connecting the printer to the computer (optional), and one on the front for connecting USB devices
Protocols supported	USB 2.0 High Speed (for connection to computer only), DPOF (Tagged image printing), MIPC
Wi-Fi Technology supported	802.11b/g/n, WPA/WPA2, and WPS

Software support

Application support	Third-party image management applications; optical character reader (OCR) support for documents
Media support	Plain paper, photo paper, envelopes, greeting cards, transparencies with white stripe on short edge, labels
Scanner support	TWAIN and WIA, WIA2 (VISTA and WINDOWS 7 OS), ICA (MAC OS), including segmentation scanning
Update support	Software and firmware updates available through Web support

Physical specifications

Power	Input: 110-240 V AC, 50-60 Hz
	The printer should only be used with the provided switching adapter.
	Manufacturer and model:
	Chicony Power Technology Co., Ltd, model CPA09-020A
	Flextronics Sales & Marketing (A-P) Ltd, model KOD-A-0040ADU00-101
Storage dimensions	16.7 in. (42.4 cm) long x 15.7 in. (40.0 cm) wide x 7.2 in. (18.4 cm) high
Operating dimensions	16.7 in. (42.4 cm) long x 20.7 in. (52.6 cm) wide x 17.2 in. (43.7 cm) high
Weight	14.0 lb (6.4 kg) with power supply, printhead, and ink cartridges
Operating range	41 to 95°F (5 to 35°C), 15 to 85% RH
Full image quality environmental range	59 to 86°F (15 to 30°C), 20 to 80% RH.
Energy efficiency	ENERGY STAR® Qualified All-in-One Printer

Warranty

Printer	One year from purchase (with proof of purchase)
Printhead	One year from purchase (with proof of purchase)

System requirements

Computer with WINDOWS OS

	Minimum
Operating system	WINDOWS 7, VISTA, or XP (SP2 or later)
CPU	INTEL CELERON Processor
Clock speed	1.2 GHz
Memory	512 MB RAM
Available hard disk space	500 MB available
Interface	USB 2.0 High Speed
Removable drive	CD-ROM

Computer with MAC OS

	Minimum
Operating system	MAC OS X 10.5 or later
CPU	PowerPC G4, G5, or INTEL-based Mac
Clock speed	1.2 GHz
Memory	512 MB RAM
Available hard disk space	200 MB available
Interface	USB 2.0 High Speed
Removable drive	CD-ROM

Safety information

KODAK ESP 5200 Series All-in-One Printers are Class 1 LED Products.

- Always follow all warnings and instructions marked on the product.
- Use only the power source provided with the product.
- Use only the power cord that comes with the product (or an approved power cord greater or equal to H05W-F, 2G, 0.75mm^2). Using another power cord may cause fire and/or shock. Do not use the included power cord with any other equipment.
- If you do not use this product for a long period of time, unplug it from the electrical outlet.
- Always turn this product off by using the On/Off button. Wait until the On/Off button stops flashing before removing the power plug from the outlet.
- Do not allow the power cord to become damaged or frayed.
- If you need to use an extension cord with this product, make sure that the ampere rating of the product does not exceed the ampere rating of the extension cord.
- Place the product on a flat, stable surface that extends beyond the product's base in all directions. This product will not operate properly if tilted or at an angle.
- When storing or transporting this product, do not tilt or stand it on its side. Never turn this product upside down (ink can leak out of the product).
- Avoid placing this product in an environment that is subject to rapid changes in temperature or humidity, mechanical shocks, vibration, or dust. Do not place near radiators, heating vents, or in direct sunlight.
- Leave enough room around this product for sufficient ventilation.
- Do not block this product's covers or openings, or insert any objects through slots.
- Do not use aerosol products inside or around this product.
- Do not spill any liquid on this product.
- Do not attempt to repair or service this product.
- If the power cord or plug is damaged, if any liquid has been spilled onto the product, if the product has been dropped or the case damaged, if the product does not operate normally or exhibits a major change in performance level, unplug this product and contact Kodak at www.kodak.com/go/contact.

For Service Personnel:

> ⚠️ CAUTION:
> **Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local instructions.**

LCD screen safety

- Use only a dry, soft cloth to clean the LCD screen. Do not use any liquid or chemical cleaners.
- If the LCD screen is damaged, contact Kodak immediately. If any of the solution from the display gets on your hands, wash then thoroughly with soap and water. If the liquid crystal solution gets into your eyes, flush your eyes immediately with water. If any discomfort or change in vision persists after washing, seek medical attention immediately.

Ink cartridge safety

- Keep all ink cartridges out of the reach of children.
- If ink gets on your skin, wash with soap and water. If ink gets into your eyes, flush immediately with water. If any discomfort or change in vision persists after washing, seek medical attention immediately.
- For Material Safety Data Sheet (MSDS) information on inks, go to www.kodak.com/go/MSDS.

NOTE: You will need the Catalog number from the ink package.

Regulatory compliance

FCC statement

The United States Federal Communications Commission (in CFR 47 Part 15.105) has specified that the following notice be brought to the attention of the users of this product:

Note: 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 and 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

⚠ CAUTION:

Pursuant to Part 15.21 of the FCC Rules, any changes or modifications to this product not expressly approved by Eastman Kodak Company might cause harmful interference and void the FCC authorization to operate this product.

The radiated energy from this product is well below the FCC radio frequency exposure limits. Nevertheless, the product shall be used in such a manner that the potential for human contact during normal operation is minimized. This product and any attached external antenna, if supported, shall be placed in such a manner to minimize the potential for human contact during normal operation. In order to avoid the possibility of exceeding the FCC exposure limits, human proximity shall not be less than 20 cm (8 inches) during normal operation.

Canadian statements

This product meets the applicable Industry Canada technical specifications.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

Industry Canada (IC) Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your person.

European compliance statement

$C\mspace\epsilon$

Hereby, Eastman Kodak Company declares that this KODAK all-in-one wireless printer is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

German compliance statement

⚠ CAUTION:
This device is not intended for use in the direct field of view at visual display workplaces. To avoid incommoding reflections at visual display workplaces this device must not be placed in the direct field of view.

⚠ CAUTION:
Das Gerät ist nicht für die Benutzung im unmittelbaren Gesichtsfeld am Bildschirmarbeitsplatz vorgesehen. Um störende Reflexionen am Bildschirmarbeitsplatz zu vermeiden, darf dieses Produkt nicht im unmittelbaren Gesichtsfeld platziert verden.

Noise emissions for this equipment do not exceed 70 dBa.

This equipment is not intended for use in the workplace in accordance with BildscharbV regulations.

"Das Gerät ist nicht für die Benutzung am Bildschirmarbeitsplatz gemäß BildscharbV vorgesehen."

REACH Article 33 declarations

Go to www.kodak.com/go/REACH for information about the presence of substances included on the candidate list according to article 59(1) of Regulation (EC) No. 1907/2006 (REACH).

Waste electrical and electronic equipment labeling

In the European Union, do not discard this product as unsorted municipal waste. Contact your local authorities or go to www.kodak.com/go/recycle for recycling program information.

ENERGY STAR® Qualified All-in-One Printer

To conserve energy, this printer will enter a reduced power (sleep) mode automatically after 1 hour. You can adjust the delay time (in 0.5 hour increments) up to 4 hours. Increasing the delay time may result in reduced energy savings.

ENERGY STAR and the ENERGY STAR mark are registered U.S. service marks. As an ENERGY STAR partner, KODAK has determined that this product meets ENERGY STAR Guidelines for energy efficiency. For more information on the ENERGY STAR program, see www.energystar.gov.

Warranty Information

Limited Warranty

Kodak warrants Kodak consumer electronic products and accessories ("Products"), excluding batteries, to be free from malfunctions and defects in both materials and workmanship for one year from the date of purchase. Retain the original dated sales receipt. Proof of the date of purchase will be 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 send 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 together with proof of the purchase price paid. Repair, replacement, or refund of the purchase price are the sole remedies under this warranty. If replacement parts are used in making repairs, those parts may be remanufactured or may contain remanufactured materials. If it is necessary to replace the entire Product, it may be replaced with a remanufactured Product. Remanufactured Products, parts and materials are warranted for the remaining warranty term of the original Product, or 90 days after the date of repair or replacement, whichever is longer.

Limitations

This warranty does not cover circumstances beyond Kodak's control. This warranty does not apply when failure is due to shipping damage, accident, alteration, modification, unauthorized service, misuse, abuse, use with incompatible accessories or attachments (such as third party ink or ink tanks), failure to follow Kodak's operation, maintenance or repacking instructions, failure to use items supplied by Kodak (such as adapters and cables), or claims made after the duration of this warranty. KODAK MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY FOR THIS PRODUCT, AND DISCLAIMS THE IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In the event that the exclusion of any implied warranty is ineffective under the law, the duration of the implied warranty will be one year from the purchase date or such longer period as required by law. 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. Your statutory rights are not affected.

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.

Declaration of Conformity

See www.kodak.com/go/declarationofconformity.