

Intel® Portable Capture Station

User Manual









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WARNING! Do **NOT** use the Intel® Reader as a sole means of reading safety or hazard warnings, medication labels or instructions, or financial or legal documents, when a reading inconsistency or misreading of written text might put you at risk of personal injury or economic harm. For such critical reading, always use a backup means to confirm that you understand the writing, such as an alternative accessible format or another person.

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Chapter 1

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Chapter 1. Important Safety Information and Warnings

FCC Part 15 Compliance Statement

This product 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 when the equipment is operated in a residential environment.



This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this user manual, 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 this equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Change the direction of the radio or TV antenna.
- To the extent possible, relocate the radio, TV, or other receiver away from the product.
- Plug the product into a different electrical outlet so that the product and the receiver are on different branch circuits.

If these suggestions do not help, consult your local reseller or an experienced radio/TV repair technician for more suggestions.

NOTE: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Safety Symbols on the Portable Capture Station

	Direct Current. Indicates that direct current is present inside the case.
	WEEE Symbol. Indicates compliance with Waste Electrical and Electronic Equipment (WEEE) directive 2002/96/EC.

Safety Precautions

This section covers the important safety information about the Intel® Portable Capture Station (Capture Station). Please read, follow, and keep these instructions and observe all warnings.

To avoid electric shock:

- Do not spill liquid on the Capture Station or allow it to get wet. Do not operate the Capture Station near water.
- Do not use the Capture Station in the kitchen or bathroom.

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- Do not attempt to take apart the Capture Station. There are no user serviceable parts inside. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power cord or plug is damaged, liquid has been spilled or objects have fallen into the Capture Station, or the Capture Station has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Do not connect or disconnect any cables, perform installation of the Capture Station, or operate the Capture Station during an electrical storm or when lightning is present in the area.
- Use only the power cord and power adapter provided with the Capture Station. Power supplies can have similarly sized and shaped connectors, so verify that you are using the right one.
- Do not defeat the safety purpose of the grounding-type plug. A grounding-type plug has two blades and a third grounding prong/or contact. If the provided plug does not fit into your socket, consult an electrician for a proper replacement.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the Capture Station.
- The AC power cord on the power adapter is the primary disconnect device for the system. Ensure that the cord is accessible.
- Check the power cord periodically for fraying or other damage.

- Only use attachments and accessories recommended or specified by the manufacturer.
- The Capture Station is classified as Class I Equipment for protection against electric shock.



WARNING: Do not attempt to modify or use the supplied AC power cord if it is not the exact type and rating required.

Refer to the Intel® Reader User Manual for safety warnings and information about the Reader.

To avoid personal injury or injury to others:

- Do not set up or use the Capture Station near any heat sources such as radiators, stoves, or other devices that produce heat.
- Keep all flammable materials a safe distance from the Capture Station and its power supply.
- Route the cables and connections to reduce the possibility of creating a strangulation, entanglement, or tripping hazard.
- Do not press the arm release button unless you have a firm grasp of the arm of the Capture Station. Failure to grasp the arm could cause injury to yourself or damage to the Capture Station or the Reader.
- When carrying the Capture Station in its carrying case, securely grip the case handle to avoid dropping the Capture Station.

Chapter 1. Important Safety Information and Warnings

- Keep your hands and fingers away from the hinged portion of the Capture Station arm when it locks into place.
- Keep your hands away from the capture button when you release and lower the Capture Station arm.
- Do not lean on or apply excessive pressure to the cradle. These actions could cause the Capture Station to fall over.

Recycling

Do not dispose of the Capture Station or accessories in a landfill or other disposal site where harm to the environment might occur. Instead, follow local procedures for recycling electronic equipment and packaging materials.

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Chapter 2. Getting Started

About the Portable Capture Station

The Capture Station holds the Reader while you capture images of a large number of pages. When the Reader is placed in the Capture Station, the camera can view everything placed on the base, even large-sized materials such as textbooks and magazines. For information about the Reader, see the Intel® Reader User Manual.

TIP: There is an audio and digital talking book version of this manual and the quick start guide on the CD that comes with the Capture Station.

Contents of the Capture Station Box

The Portable Capture Station box contains:

- A Capture Station
- A quick start guide
- This user manual
- A CD with an audio version of this manual and the quick start guide
- A power adapter and power cord. This power adapter and power cord are interchangeable with the power adapter and power cord that come with the Reader.
- The warranty for the Capture Station and Reader

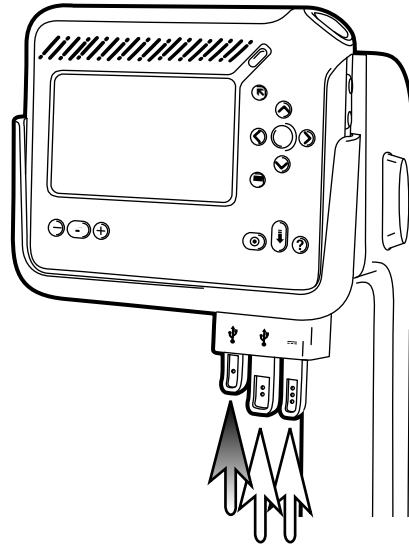
NOTE: Contact your local reseller or Intel Customer Support if any of the contents is missing.

Parts of the Capture Station

The Cradle and Connectors

The cradle, located at the top of the Capture Station arm, secures the Reader to the Capture Station. The cradle also provides three connectors that connect the Reader to a power source and to other devices, such as a computer or a mouse. These connectors are on the bottom edge of the cradle, on the right side. To connect the Reader to another device or a power source, push the appropriate connector up. The connectors are:

- The mini-USB connector, on the left, connects the Reader to the Capture Station. It is marked by one raised dot.

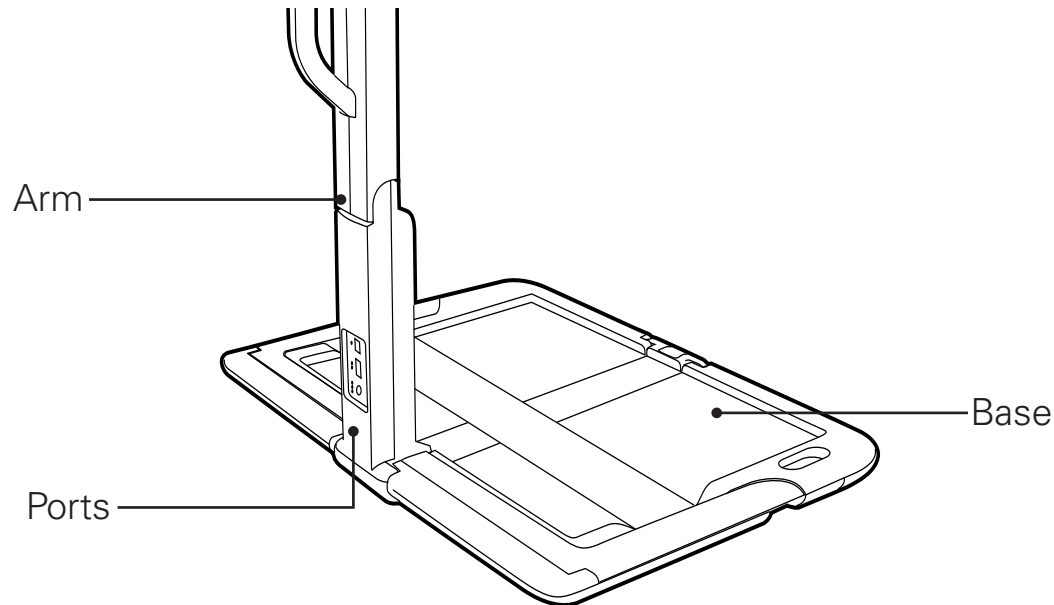


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- The standard USB connector, in the middle, connects the Capture Station to another USB device, such as a keyboard. It is marked by two raised dots.
- The power connector, on the right, keeps the Reader charged. It is marked by three raised dots.

The Arm

The arm connects the cradle to the base of the Capture Station. At the top of the arm is the cradle. Toward the bottom of the arm, at the back, are three ports that connect the Capture Station to a mini-USB, standard USB, and power source.

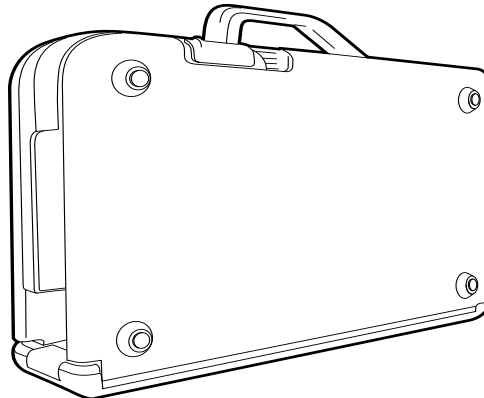


The Base

The base of the Capture Station is a flat surface that holds the printed material. The base contains the page holder, a flat strip that lies across the base. At each side of the page holder are the page holder arms, which you use to raise and lower the page holder as you insert and remove the printed material.

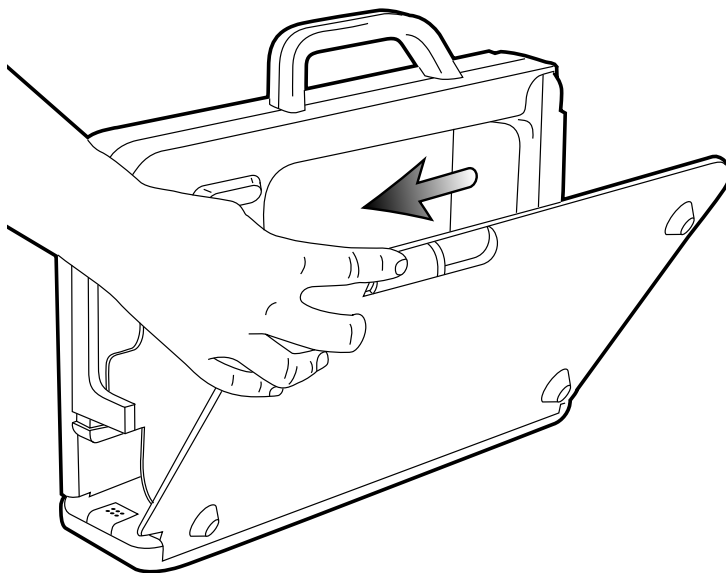
Setting Up the Capture Station

1. Take the Capture Station out of the box and remove any protective wrapping.
2. Place the Capture Station on a work surface, with the handle pointing up. Make sure the sloped side of the handle is facing away from you. The work surface should be large enough to support the entire base. A surface at least 24 inches long and 18 inches wide (60 cm long and 45 cm wide) is sufficient.

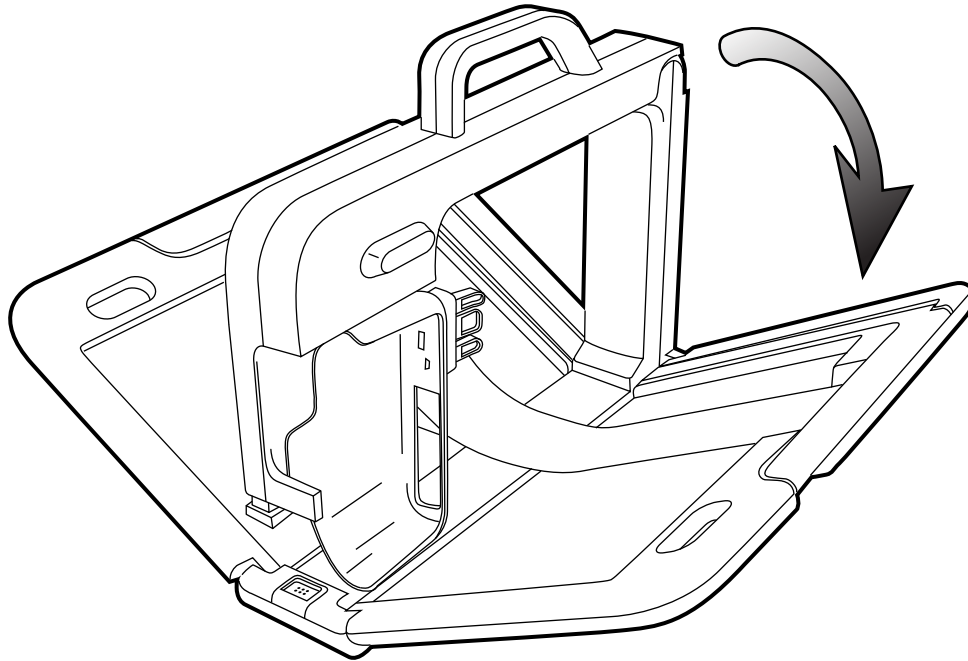


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3. Locate the sliders along the top edge of the case. They are marked with small indented arrows. Pull the sliders toward you, being careful not to pinch your fingers or hands.



4. As you pull the sliders toward you, carefully lay each side of the Capture Station base on the table.

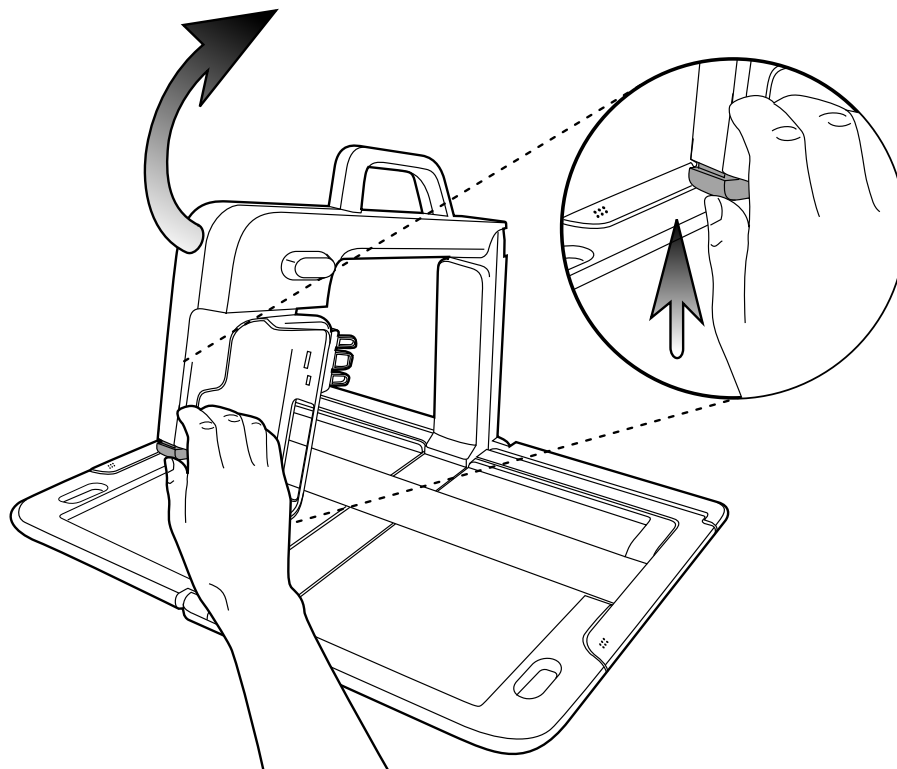


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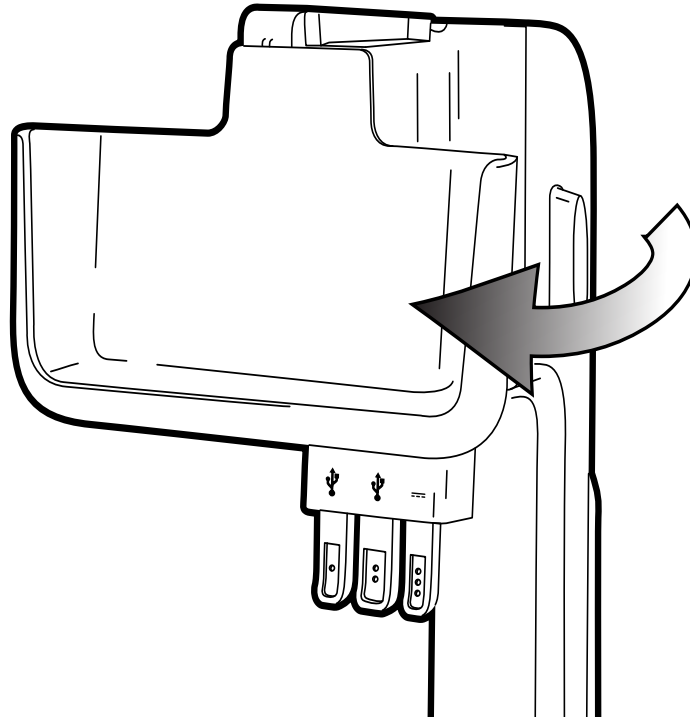
5. Locate the release button on the front lower edge of the arm. The release button is blue and has six raised dots.

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6. Press and hold the release button while you lift the arm, until the arm latches into place. As you lift the arm, take care that you do not pinch your fingers when it locks in place.



7. Rotate the cradle toward you until it latches into place.

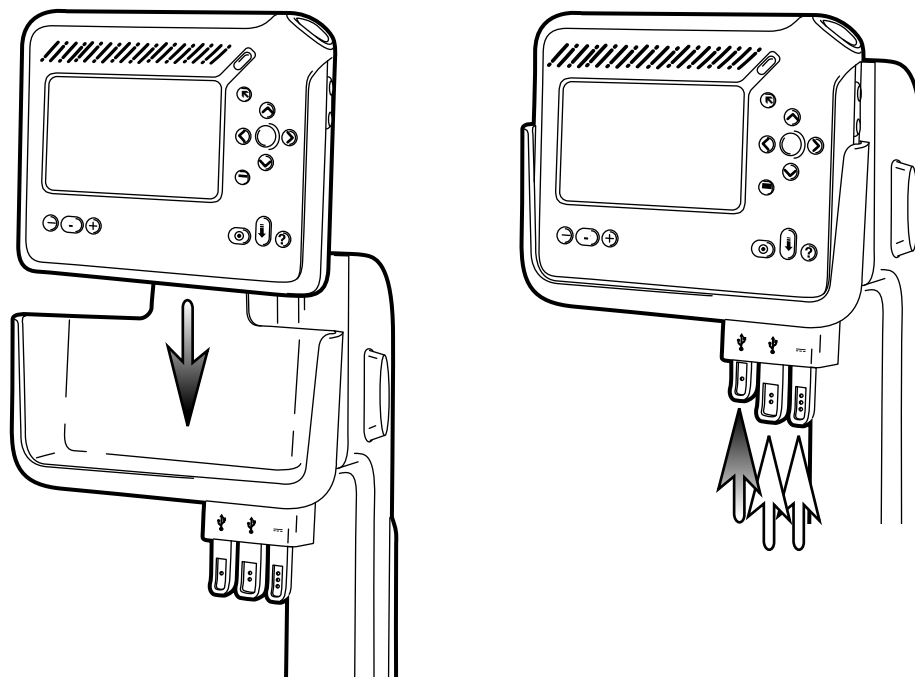


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Connecting the Reader to the Capture Station

1. Slide the Reader into the cradle with the display screen facing you.
2. Then press up on the mini-USB connector, the left-most of the three connectors at the bottom edge of the cradle. This connector is marked by one raised dot.

NOTE: Move the connectors back and forth if they do not immediately slide into place.

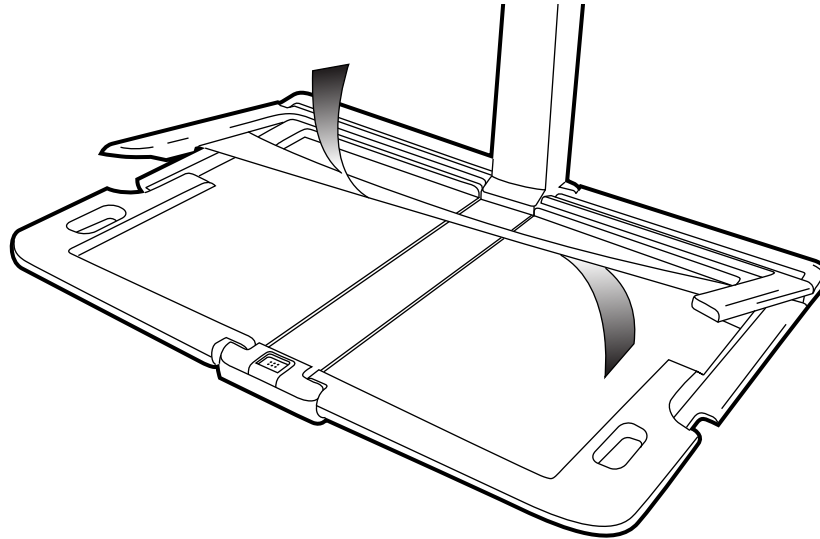


Removing the Protective Covering

The plastic strip that lies across the base of the Capture Station is the page holder. The page holder keeps pages flat so the camera can capture a better image.

Before using the Capture Station for the first time, peel off the three strips of shipping tape on the base.

Remove the protective covering on the **top** of the page holder. Then remove the protective covering from the **bottom** of the page holder.



Chapter 3

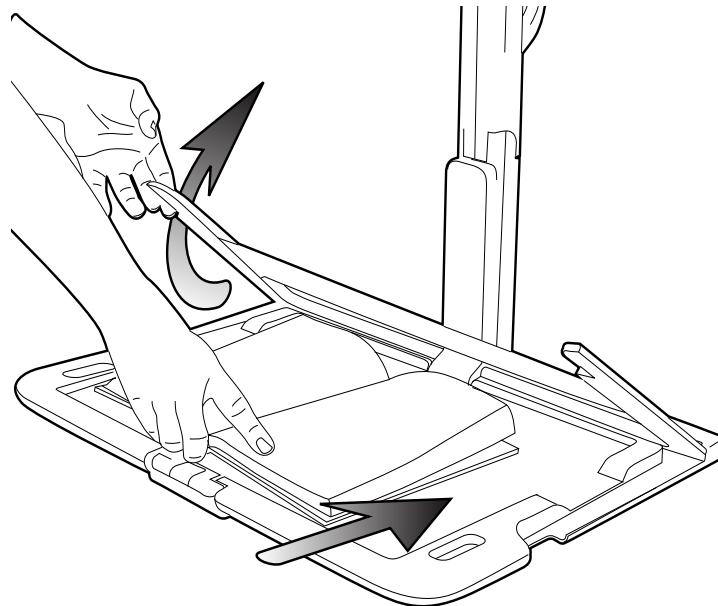
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Chapter 3. Capturing Text

Placing Reading Material in the Capture Station

1. Locate the page holder arms on either side of the Capture Station base. Each page holder arm has six raised dots.
2. Lift the page holder arms to raise the page holder. If the text is on a single page or lies flat on its own, you can place it on top of the page holder.
3. Slide the book or other text under the page holder. Be sure to place the text within the indented edges of the base.



TIP: For best results, align the upper left corner of the reading material with the upper left corner of the base, in the area illuminated by the autofocus light.

4. Carefully lower the page holder arms until the page holder presses the pages of the book or text flat.

TIP: Lower the arms gently. If you drop the page holder arms, you risk damage to the Capture Station.

5. Make sure that only the text that you want to capture is on the Capture Station base. Placing any extra objects in this area slows the capture process and can obscure the image.

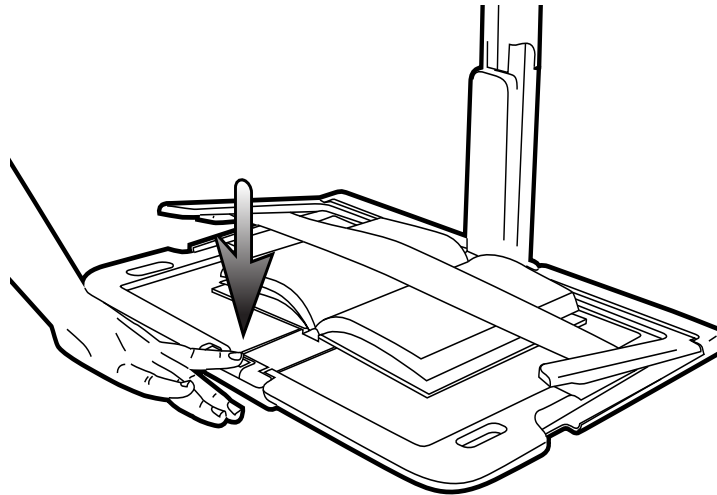
Avoiding Glare on the Page

To help ensure clear images, position the Capture Station away from overhead lights, windows and desk lamps. Light that shines too brightly on the page can interfere with the Reader's ability to capture a good image. Avoid shining light directly on the page holder.

Keep the Capture Station at least 5 feet (1.5 meters) from an overhead light and 1.5 feet (45 centimeters) from a desk lamp or window. These distances reduce glare from the page holder and improve the accuracy of the reading.

Using the Capture Button

1. Connect the mini-USB connector into the Reader. The mini-USB is the connector on the left, on the bottom edge of the cradle. It is marked with one raised dot. Push it up to connect it to the Reader.
2. To enter Shoot mode, press the capture button. The capture button is located on the front of the Capture Station base, at the center of the edge closest to you. The button is marked by raised dots. Then press the capture button again to capture the text.



3. Between each image capture, raise the page holder arm, turn the page, and carefully lower the page holder arm.

Using a Mouse

By connecting a mouse to the Capture Station, you can scroll through menu items, select items, capture text, and navigate through the menu tree.

To use a mouse to capture text, plug the mouse into the standard USB port at the back of the Capture Station. The standard USB port is the middle port, and is marked with two raised dots.

At the front of the Capture Station, connect the standard USB connector into the Reader. The standard USB connector is the middle connector, and is also marked with two raised dots.

Click the left mouse button instead of the capture button to enter Shoot mode. Click the left mouse button again to capture text.

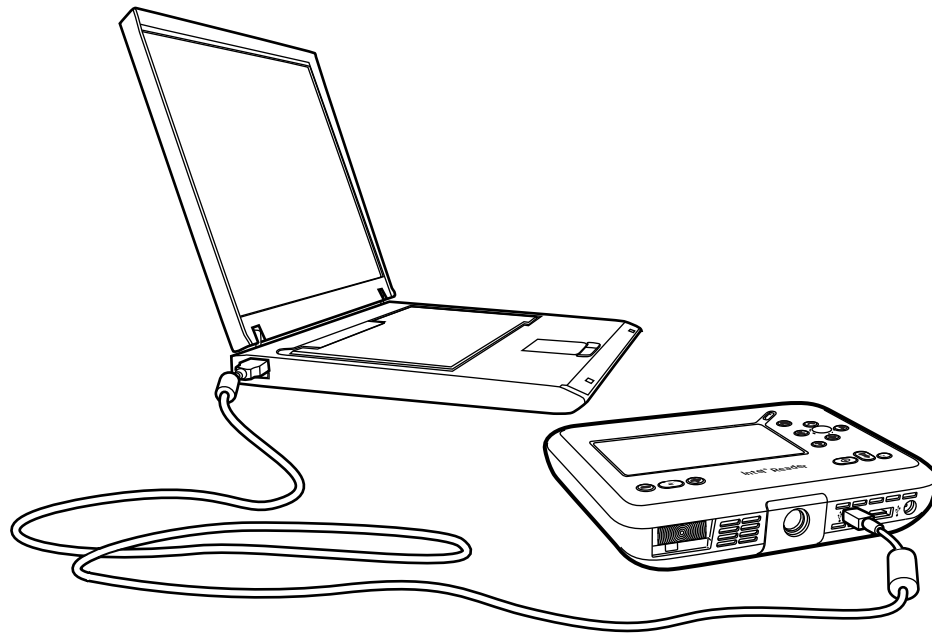
You can also use the mouse in the following ways:

- If your mouse has a wheel, you can scroll through a menu list by rolling the wheel. Then press the wheel to select an item in the list.
- To move back up the menu tree, press the right mouse button. For example, when you finish listening to a text, press the right mouse button once to return to the **Texts** menu, and once again to return to the **Library**.
- To return to the **Home** menu, press and hold the right mouse button.

Using the Capture Station with Other Devices

Any device, such as a keyboard or a computer, that can be connected to the Reader can also be used when the Reader is in the Capture Station. Connect the device to the back of the Portable Capture Station, and then connect the corresponding Capture Station connector to the Reader.

Refer to the Reader User Manual for more information about using other devices with the Reader.

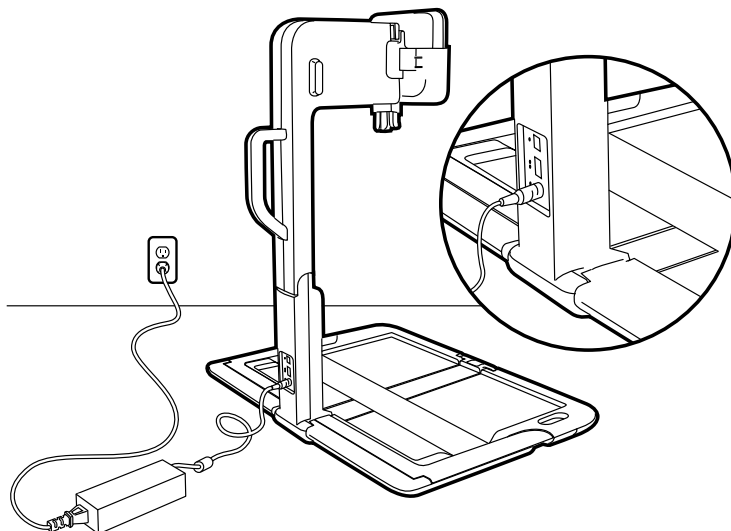


Keeping the Reader Battery Charged

To keep the Reader battery charged while it is in the Capture Station, connect the power to the Reader, by pushing up on the power connector at the front of the Capture Station. The power connector is the right-most of the three connectors on the cradle, and is marked with three raised dots.

Then connect the power cord to the power port on the back of the Capture Station. The power port is the bottom port, and is also marked with three raised dots.

You can leave the Reader in the Capture Station, attached to the power supply, indefinitely. You will not over-charge the Reader by leaving it plugged in, though it is a good idea to unplug it if there is danger of an electrical storm.



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Chapter 4. Storing the Portable Capture Station

Safely Storing the Capture Station

Before you close the Capture Station, it is important to disconnect the cables and remove the Reader.

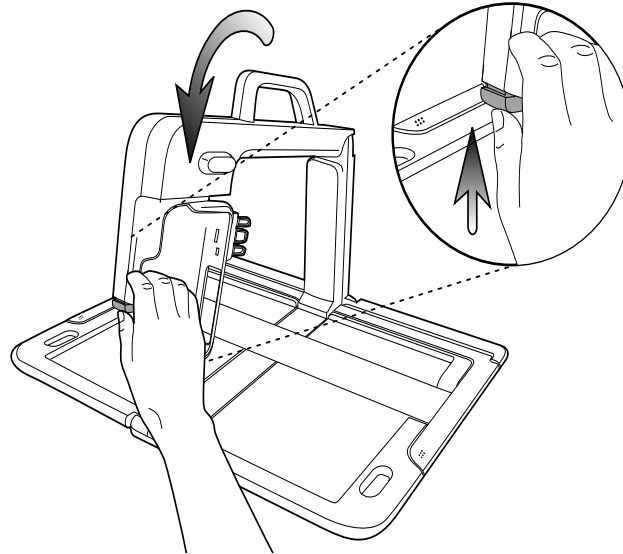


CAUTION: Do not store the Reader, power adapter, or any other items in the Capture Station carrying case. Storing items in the Capture Station can cause damage to the Capture Station. Similarly, carrying the Capture Station with items stored in the case can cause injury to yourself, and damage to the Capture Station.

To store the Capture Station safely, follow these steps:

1. Unplug the standard USB, mini-USB, and power adapter connectors by pulling them down.
2. Disconnect all devices from the back of the Capture Station.
3. Remove the Reader from the cradle.
4. Rotate the cradle to the right, away from you.

5. Push the arm release button and carefully lower the arm toward you until it locks into place. To prevent injury, keep your hands away from the capture button on the Capture Station base when you lower the arm.



6. Lift the sides of the base as you pull the latches toward you. Carefully push the sides of the base toward the collapsed arm until they lock into place. To prevent injury to yourself or damage to the Capture Station, do not slam the sides shut.

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Chapter 5. FAQs and Support

Frequently Asked Questions (FAQs)

Question: Why are the images I capture not clear?

Answer: Check the page holder. If the protective covering has not been removed from the top and bottom of the page holder, remove it now. If the page holder is damaged, replace it.

Remove any extra objects from the Capture Station base before you begin capturing images.

Make sure there is no overhead lighting directly over the Portable Capture Station. Overhead lighting can create a glare from the page holder.

Question: Why doesn't my capture button work?

Answer: To use the capture button, located at the base of the Capture Station, you must first connect the mini-USB connector to the Reader. The mini-USB is the left-most connector. Make sure that the connector is plugged all the way into the Reader.

Question: Do I have to use the page holder for a single sheet of paper?

Answer: No. However, the page holder is helpful for keeping flat the pages of books and other reading material.

Question: What is the purpose of the three connectors on the cradle?

Answer: Use the mini-USB connector to connect the Reader to the Capture Station, so that you can use the capture button on the Capture Station.

Use the standard USB connector to connect the Capture Station to another USB device, such as a keyboard or external flash drive.

Use the power adapter connector to keep the Reader charged. You will need to plug the power adapter into the back of the Capture Station and into a power outlet.

Question: I am having trouble connecting the connectors to the Reader. What should I do?

Answer: Slide the Reader out of the cradle. Make sure the connectors at the bottom of the cradle are straight. Slide the Reader back into the cradle, aligning the ports on the bottom edge of the Reader with the connectors. Push up on the connectors to connect them to the Reader. You may have to move the connectors back and forth before they fit into the Reader.

Question: Where can I get a replacement page holder?

Answer: Contact your local reseller to obtain a replacement page holder.

Customer Support

Intel recommends that you contact your local dealer or reseller before contacting Intel, if you have any questions about the Portable Capture Station. In the event your dealer or reseller is not able to resolve the issue, you can contact Intel Customer Support in the following ways:

Web Site

http://www.intel.com/support/go/healthcare/ir_home.htm

Email

<http://supportmail.intel.com/>

Select **Healthcare Products** as the product family, **Mobile Print Readers** as the product line, and **Intel Reader** as the product. Fill out the information on the form, and then click **Submit**. The information will be sent to an Intel Customer Support representative, who will respond by email within one business day.

Telephone

1-800-230-7450

Intel Customer Support is available Monday through Friday,
7:00 a.m. to 5:00 p.m., Pacific Time.

Appendix A

Appendix A. Technical Specifications

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Appendix A. Technical Specifications

Portable Capture Station Specifications

Dimension	Description
Capture Area	Maximum size of 12.5" x 18" (0.3175 m x 0.4572 m)
Maximum Book Thickness	1.9" with 0.78" margins (50mm with 20mm margins)
Connectivity	Passthrough power to the Reader USB 2.0 compliant type A connector USB 2.0 compliant type mini-B connector
Operating Temperature	40° to 95° F (5° to 35° C)
Operating Humidity	Less than 90% (non-condensing)
Dimensions (W x H x D) (closed)	16.4" x 11.9" x 4.25" (0.41656 m x 0.30226 m x 0.19795 m)
Weight	9.4 lbs. (4.26376 kg)
Packaged Dimensions	20.6" x 15.6" x 7.2" (0.28956 m x 0.39624 m x 0.18288 m)
Packaged Weight	11.4 lbs. (5.17095 kg)







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