

Color Image Scanner ScanSnap

## Safety Precautions

Thank you for purchasing FUJITSU color image scanner ScanSnap iX1500 (hereinafter referred to as "the ScanSnap").

This document contains the general information for safety that must be read before using this product (which includes the ScanSnap, and all associated software and documents). Read this document thoroughly and take care to use this product correctly. Make sure that these are kept in a safe place so that they can be referred to whenever using this product.

March 2019

### Use in High-Safety Applications

This product has been designed and manufactured on the assumption that it will be used in office, personal, domestic, regular industrial, and general-purpose applications. It has not been designed and manufactured for use in applications (simply called "high-safety applications" from here on) that directly involve danger to life and health when a high degree of safety is required, for example, in the control of nuclear reactions at nuclear power facilities, automatic flight control of aircraft, air traffic control, operation control in mass-transport systems, medical equipment for sustaining life, and missile firing control in weapons systems, and when provisionally the safety in question is not ensured. The user should use this product with adopting measures for ensuring safety in such high-safety applications. PFU Limited assumes no liability whatsoever for damages arising from use of this product by the user in high-safety applications, and for any claims or compensation for damages by the user or a third party.

Wi-Fi, Wi-Fi Protected Setup, and the Wi-Fi Protected Setup logo are trademarks of Wi-Fi Alliance.






ScanSnap and the ScanSnap logo are registered trademarks or trademarks of PFU Limited in Japan.

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# Warning Indications Used in This Document

The following indications are used in this document to obviate any chance of accident or damage to you and/or this product.




Warning Indication	Description
	<p>This indication alerts operators to an operation that, if not strictly observed, may result in severe injury or death.</p>
	<p>This indication alerts operators to an operation that, if not strictly observed, may result in safety hazards to personnel or damage to the product.</p>
	<p>A TRIANGLE symbol indicates that special care and attention is required. The drawing inside the triangle shows the specific caution.</p>
	<p>A CIRCLE with a diagonal line inside shows actions which users should not perform. It may also have a drawing inside which shows the specific action that is not allowed.</p>
	<p>A white exclamation mark on black background show instructions users should follow. It may also include the drawing that shows the specific instruction.</p>









## For Safe Use

The following describes important warnings for using this product.

For the safe use of this product, make sure to follow the following descriptions. In the following warnings, "power cable" refers to the AC cable connected to the AC adapter collectively.



	<p>Insert the power cable into the AC outlet within reach. In any one of the following situations, immediately turn off the ScanSnap, and disconnect the power cable from the AC outlet. Not doing so may cause a fire, burns, injury, or electric shock.</p> <ul style="list-style-type: none"> <li>● The ScanSnap is damaged for any reason.</li> <li>● Smoke or heat coming from the ScanSnap is detected.</li> <li>● Abnormal noise or smell is detected.</li> <li>● Foreign objects (e.g., water, liquids, small metal objects) get inside the ScanSnap.</li> <li>● Damages such as cracks occur on the AC adapter.</li> <li>● Other problems which indicate a ScanSnap failure are detected.</li> </ul>
	<p>For your safety, do not take apart or modify the ScanSnap as there are high-voltage components inside the ScanSnap. Doing so may cause a electric shock.</p>
	<p>Firmly insert the power cable into the AC outlet. Not doing so may cause a fire or the ScanSnap to malfunction.</p>

	<p>Use the ScanSnap only at the indicated power voltage and current. Do not connect to multiple-power strips. Improper power voltage or current might cause a fire or electric shock.</p>
	<p>Use only the power cable (including the AC cable and the AC adapter) provided with the ScanSnap. Do not use any extension cords. Not following these instructions may cause abnormal heat or a fire. Do not use the power cable provided with the ScanSnap for other devices, since this might cause problems such as an equipment failure, or an electric shock.</p>
	<p>Do not place things such as chemicals, air fresheners, deodorizers, cosmetics, and detergents around the ScanSnap and the AC adapter. If they get on the plastic part of the ScanSnap or the AC adapter, the part may be deteriorated or cracked, which may cause an electric shock. If this does happen, wipe them off immediately.</p>
	<p>Do not install the ScanSnap in the following locations which are subject to high temperature, humidity, less ventilation, or dust. If placed in an area subject to high temperature, the cover may become overheated and deformed, resulting in an electric leakage or fire. Use the ScanSnap in a well-ventilated environment.</p> <ul style="list-style-type: none"> <li>● A place near heat-radiating devices such as stoves or electric heaters, or flammable items such as volatile inflammable materials or curtain.</li> <li>● A place such as kitchen where oil smoke may be formed.</li> <li>● A place such as a bathroom, shower room, or swimming pool where it may easily get wet.</li> <li>● A place under direct sunlight, in a car under the scorching sun, or near heating apparatus where it may get hot.</li> <li>● A place that builds up heat such as covering the ScanSnap with a blanket or cloth.</li> <li>● A place where inflammable gas may be generated, such as a gas station.</li> </ul>
	<p>Do not block the ventilation ports. Blocking the ventilation ports generates heat inside of the ScanSnap, which may result in a fire or ScanSnap failure.</p>
	<p>Before moving the ScanSnap, be sure to disconnect any cables connected to it. Make sure that the floor is free of any obstructions. Do not move the ScanSnap while there are cables connected, doing so can damage the cables, in turn causing fire or electric shock. The cables can also hinder work, causing injuries.</p>
	<p>Do not touch the power cable with wet hands. Doing so might cause an electric shock.</p> <p>When disconnecting the power cable from the AC outlet, make sure that you hold the power plug and not the cable. Pulling the cable may damage it, which may cause a fire or electric shock.</p>
	<p>Do not use the power cable if it is damaged. Also, do not insert any cables or power plugs into loose sockets. Doing so may cause a fire or electric shock.</p> <p>Be careful of the following when handling the power cable:</p> <ul style="list-style-type: none"> <li>● Do not moisten, modify, tie, bundle, or wind the cable.</li> <li>● Do not place heavy objects on the cable, trap the cable in a doorway, drop or damage the cable in any other way.</li> <li>● Do not pull or forcibly bend or twist the cable.</li> <li>● Do not place any metal near to the plug of the power cable.</li> </ul>



To avoid injuries, be careful not to get your clothing (e.g., ties, necklaces) or hair caught inside the ScanSnap.



Do not use the ScanSnap while driving a car. Doing so may prevent you from driving carefully, which can cause an accident.



Do not touch the heated section (such as the bottom of the ScanSnap or AC adapter) for a long time. Doing so may cause a low-temperature burn on your skin.



If you are not going to use the ScanSnap for a long period of time or before you clean the ScanSnap, you must turn it off and disconnect the power cable from the AC outlet. Not doing so may cause a fire or electric shock.



Do not use any aerosol sprays or alcohol based sprays to clean the ScanSnap. Dust blown up by strong air from the spray may enter the inside of the ScanSnap. This may cause the ScanSnap to fail or malfunction. Sparks, caused by static electricity, generated when blowing off dust and dirt from the outside of the ScanSnap may cause a fire.



Check the following items once a month:

- The power cable is firmly inserted into the AC outlet.
- The power cable is not emitting abnormal heat, or the cable is not rusted or bent.
- Dust is not accumulated on the power cable (especially the plug). If so, wipe off any dust with a soft, dry cloth.
- The power cable does not have any cracks or scratches.



In areas (such as hospitals) where the use of radio waves is restricted, use the ScanSnap without the Wi-Fi connection according to the instructions in the area. There is a possibility that the radio waves may affect electronic devices, medical devices, and implanted medical devices (e.g., cardiac pacemakers). This is a general characteristic of all devices that use radio waves, and is not specific to the ScanSnap.

## CAUTION



When installing the ScanSnap on a table, make sure that the work surface is flat and stable, and that none of the ScanSnap's parts extend over the table edge, otherwise it may fall over or be pulled off the table and cause injuries.



To avoid injuries, do not place the ScanSnap in an area where small children may be able to reach.







Install the ScanSnap away from strong magnetic fields and other sources of electronic noise.

Protect the ScanSnap against any static electricity and choose a static-free place to install the ScanSnap. Static electricity can cause the ScanSnap to malfunction.



If there is an electrical storm, be sure to turn off the ScanSnap, and disconnect the power cable from the AC outlet. Then, disconnect any cables from the ScanSnap. Not doing so may destroy the ScanSnap, which may damage your properties.

	Do not place heavy objects on the ScanSnap or perform other work on top of the ScanSnap. Doing so might cause injuries or an equipment failure.
	Be careful not to cut your fingers when handling documents, a Carrier Sheet (optional), or a Photo Carrier Sheet (optional).
	LED light source of this product is not exposed in normal use, and the intensity of LED light emission does not pose any risk of eye damage. Do not disassemble, repair, or customize the ScanSnap. Direct exposure to the LED light source may cause problems with visual acuity.
	It is recommended to install the ScanSnap and wireless access points/routers in the most open place possible. If there are obstacles (e.g., walls, metal plates) that block the radio waves, data transmission may not be possible, or the transmission speed may slow down.

## Precautions

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### ■ Liability Note

READ THE DOCUMENTS SUPPLIED WITH THIS PRODUCT CAREFULLY BEFORE USING THIS SCANNER. IF THIS SCANNER IS NOT USED CORRECTLY, UNEXPECTED INJURY MAY BE CAUSED TO USERS OR BYSTANDERS.

Also, keep this document in a safe place so that it can be easily referred to during use of this scanner.

While all efforts have been made to ensure the accuracy of all information in this document, PFU assumes no liability to any party for any damage caused by errors or omissions or by statements of any kind in this document, its updates or supplements, whether such errors are omissions or statements resulting from negligence, accidents, or any other cause. PFU further assumes no liability arising from the application or use of any scanner or system described herein; nor any liability for incidental or consequential damages arising from the use of this document. PFU disclaims all warranties regarding the information contained herein, whether expressed, implied, or statutory.

### ■ Notes on Using the ScanSnap

- Do not supply the power from the AC outlet where the devices requiring much power such as copying machines or paper shredders are connected. Current noise generated from the power supply can cause an equipment failure or a malfunction.
- Do not use the ScanSnap immediately after moving it from a cold place into a warm room. Condensation may occur, which might cause problems. Let the ScanSnap dry for one or two hours before you use it.
- When carrying the ScanSnap outside while it is raining or snowing, pay special attention so the ScanSnap does not get wet. Doing so might cause problems. If the ScanSnap gets wet, wipe it or wait until it dries.
- Do not use a damaged Carrier Sheet (optional) or a damaged Photo Carrier Sheet (optional) because it may damage or cause the ScanSnap to malfunction.

## ■ LCD Peculiarities

Be aware that neither of the following is considered a fault.

- Despite the advanced technologies used to produce the devices TFT color LCD's, the large number of pixels involved means that an occasional (always-on) bright dot or (always-off) dark dot may be visible.
- The characteristics of the LCD mean that there may be some variation in hue and intensity of colors across the screen.

## ■ Notes on Using the ScanSnap in a Wi-Fi Connected Environment

Use the ScanSnap in a secured Wi-Fi connected environment, which the user is responsible for. If the ScanSnap is used in an unsecured environment, there is a possibility that important data such as personal information may be leaked to a third party. PFU Limited assumes no liability whatsoever for damages or information leakage arising in a Wi-Fi connected environment, such as if the ScanSnap is used in an unsecured environment, or if the security is broken in a special way.

The band of frequencies for the ScanSnap is the 2.4 GHz band.

2.4 GHz	
1-11 ch	12, 13 ch
2412-2462 MHz	2467, 2472 MHz
Supported	-

# Disclaimer of Liability

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## ■ Reproducibility of the Scanned Image Data

Confirm that the image data scanned with this product meets your requirements (for example, image reproducibility in size accuracy, fidelity, content, colors).

Make sure that there are no missing parts in the scanned image data before disposing of the original document used for scanning.

- Note that when there are sections marked with a highlight pen, the color of the marked section may not be accurately reproduced depending on the color and density, or may result in a different color tone from the original.

## ■ Transmission Speed When Using the ScanSnap in a Wi-Fi Connected Environment

The transmission speed represents the speed defined in the standard, and does not represent the actual speed. The actual transmission speed varies depending on the environment in which you use the ScanSnap. In the following environments, data transmission may slow down or not be possible at all:

- The ScanSnap is used near another device (e.g., a microwave oven) that causes interference.
- There is a large distance, obstruction, or interference between the ScanSnap and a wireless access point/router.

## ■ Communication Status When the ScanSnap Is Used in a Wi-Fi Connected Environment in Which the Band of Frequencies Is the 5 GHz Band

When the ScanSnap uses W53 (52 to 64 ch) or W56 (100 to 140 ch) that is specified in the 5 GHz band, communication using W53 or W56 is temporarily disconnected when the DFS (Dynamic Frequency Selection) function of the wireless access point starts.

If the wireless access point is restarted due to the DFS function, all other communications that do not use W53 and W56 are also temporarily disconnected.

# Regulatory Information

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### FCC Declaration

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 equipment 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.

**FCC warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTICE** The use of a shielded interface cable is required to comply with the Class B limits of Part 15 of FCC rules. The length of the power cable must be 3 meters (10 feet) or less.

## Canadian DOC Regulations

This device complies with Industry Canada's applicable licence-exempt RSSs. 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.

For indoor use only.

Data transmission is always initiated by software, which is then passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinues transmission in case of either absence of information to transmit or operational failure.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Pour usage intérieur seulement.

La transmission des données est toujours initiée par le logiciel, puis les données sont transmises par l'intermédiaire du MAC, par la bande de base numérique et analogique et, enfin, à la puce RF. Plusieurs paquets spéciaux sont initiés par le MAC. Ce sont les seuls moyens pour qu'une partie de la bande de base numérique active l'émetteur RF, puis désactive celui-ci à la fin du paquet. En conséquence, l'émetteur reste uniquement activé lors de la transmission d'un des paquets susmentionnés. En d'autres termes, ce dispositif interrompt automatiquement toute transmission en cas d'absence d'information à transmettre ou de défaillance.

## Bescheinigung des Herstellers/Importeurs

Für den Scanner wird folgendes bescheinigt:

- In Übereinstimmung mit den Bestimmungen der EN45014(CE) funktentstört
- Maschinenlärminformationsverordnung 3. GPSGV: Der höchste Schalldruckpegel beträgt 70 dB (A) oder weniger, gemäß EN ISO 7779.

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 werden.

## ENERGY STAR®

PFU Limited, a Fujitsu company, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a registered trademark of the United States.







## Radio Law

The ScanSnap is a wireless device that is designed to conform to laws and regulations in the sales regions. Do not remove the certification label on the bottom of the ScanSnap, take apart the ScanSnap, or modify the inside circuit to use the ScanSnap. The user may be punished by laws or regulations in the sales regions. PFU Limited assumes no liability whatsoever for damages arising from decomposition or modification of the ScanSnap.

## Symbols on the ScanSnap

	This indicates the DC power supply.
	This indicates a USB connection, which is used to connect a USB device.

## Failure and Repair

If repairing the ScanSnap or replacing parts is required, an abnormal change is detected, or other problems which indicate a ScanSnap failure are detected, first, refer to "Troubleshooting" in the ScanSnap Help to check that the ScanSnap is correctly connected or configured. If the problem persists, contact the distributor/dealer where you purchased this product. Or, make an inquiry by referring to the contact information at the Contact for Inquiries section.

The user must not perform repairs on the ScanSnap.

PFU assumes no liability for any damage caused by taking apart the ScanSnap, as doing so is not covered under the warranty.

## Contact for Inquiries

Visit the following Web page to find the FUJITSU/PFU office for your country.

<http://imagescanner.fujitsu.com/warranty.html>

Or, refer to the contact list supplied with this product.

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