

## SSK SSM-F200

# SSK SSM-F200 1TB Personal Cloud Wireless Hard Drive User Manual

Model: SSM-F200 | Brand: SSK

## 1. INTRODUCTION

The SSK SSM-F200 is a portable 1TB personal cloud external wireless hard drive designed for convenient data storage, sharing, and backup. It features a built-in Wi-Fi hotspot, allowing wireless access from various devices such as smartphones, tablets, and laptops. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your device.

## 2. PRODUCT OVERVIEW

### 2.1. Key Features

- **High Capacity & Speed:** 1TB storage with up to 300Mbps wireless transmission.
- **Portable Design:** Compact and easy to carry for on-the-go data access.
- **Smart Control:** Manage data via the SSKCloud App (iOS & Android) or PC/Mac software, supporting one-click backup and remote access.
- **Multi-Device Sharing:** Supports up to 10 devices simultaneously, with Samba and DLNA protocol compatibility for smart TVs, laptops, and mobile phones.
- **Capacity Expansion:** USB Host port allows connection of additional USB storage devices like USB disks or card readers.
- **Dual Working Modes:** Functions as an external hard drive (USB 3.0) or a wireless hard drive.
- **Built-in Battery:** Integrated 3800mAh Li-polymer battery for portable use.
- **Remote Access:** Point-to-point remote access based on UID (requires internet connection and UID installation).

### 2.2. Device Components

Familiarize yourself with the ports and indicators on your SSK SSM-F200 device.

# Build-in Polymer Battery

Portable large capacity in compact body  
Access and modify your data anytime and anywhere



**Image 1:** The SSK SSM-F200 device showing its dimensions (13cm x 8cm x 2cm) and labeled ports including RJ45 internet access, USB Host, USB 3.0 interface, and the Power button.

- **RJ45 Port:** For wired network connection.
- **USB Host Port:** Connect external USB storage devices (e.g., USB flash drives, SD card readers).
- **USB 3.0 Port:** For data transfer and charging the device.
- **Power Button:** To turn the device on/off.
- **LED Indicators:** Provide status information (e.g., battery, Wi-Fi activity).

## 3. SETUP

### 3.1. Initial Charging

Before first use, fully charge the device. Connect the SSK SSM-F200 to a power source using the provided USB 3.0 cable and a mobile phone charger (5V/1A or higher, up to 2A for fast charging). The LED indicator will show charging status.

### 3.2. Software Installation

To manage your data wirelessly, you need to install the SSKCloud App or software:

- **For Mobile Devices (iOS/Android):** Download and install the "SSKCloud App" from the Apple App

Store or Google Play Store.

- **For PC/Mac:** The software is pre-loaded on the drive itself. Connect the drive via USB 3.0, access it as an external drive, and copy the binaries to your system for installation. Alternatively, check the official SSK website for the latest version. When downloading from the website, avoid using Google Chrome; use other browsers.

### 3.3. Initial Connection (Wireless Hotspot Mode)

To begin using the wireless features:

1. Turn on the SSK SSM-F200.
2. On your mobile device or computer, search for and connect to the Wi-Fi hotspot broadcasted by the SSK drive. The network name (SSID) will typically start with "SSK\_".
3. Open the SSKCloud App or software to access the drive.

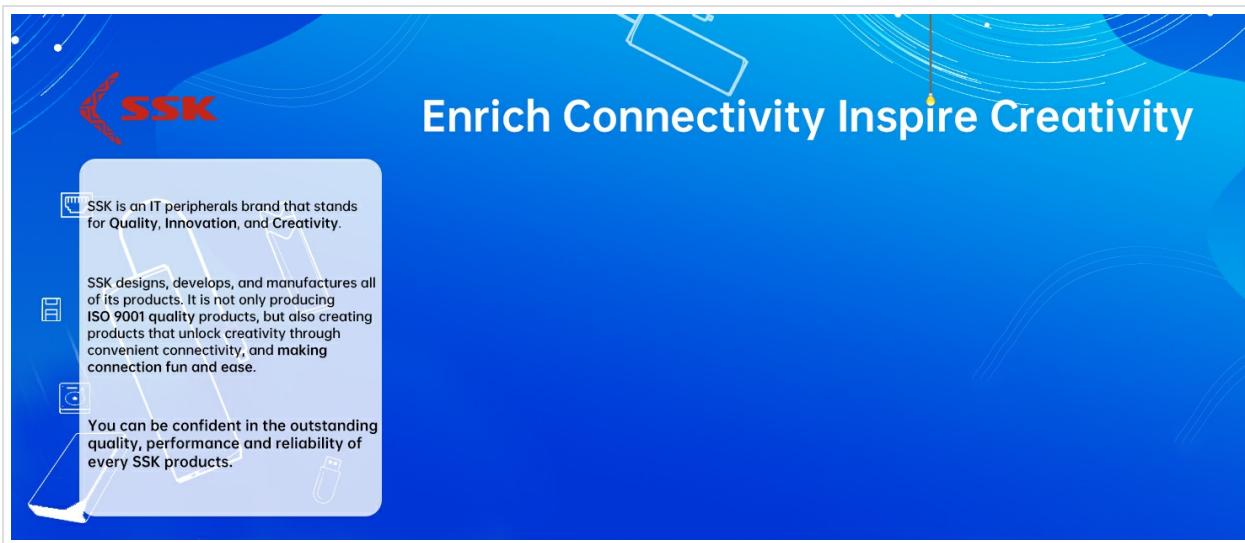
### 3.4. Hard Disk Formatting

The hard disk supports NTFS and EXFAT formats. The default format is EXFAT. Do not format the drive to any other formats.

## 4. OPERATING MODES

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The SSK SSM-F200 offers four distinct operating modes to suit various connectivity needs. Modes 1-3 require the hard drive to be turned on, while Mode 4 requires it to be turned off.



**Image 2:** An overview of the four operating modes: Mode 1 (Direct Wireless), Mode 2 (Wireless Bridge), Mode 3 (Wired AP), and Mode 4 (USB Only).

### 4.1. Mode 1: Direct Wireless Connection (No Internet)

This mode allows wireless connection to the SSK drive without an internet connection. It is ideal for local data access and sharing.

1. Turn on the hard drive.
2. Connect your mobile phone, tablet, or computer to the hard drive's Wi-Fi hotspot.
3. Access the hard drive via the SSKCloud App or software.
4. All connected devices will not have internet access in this mode.

### 4.2. Mode 2: Wireless Bridge Mode (With Internet)

In this mode, all connected devices have internet access through the SSK drive acting as a wireless bridge.

1. Turn on the hard drive.
2. Connect the hard drive to your main router via wireless bridge (refer to the SSKCloud App settings for configuration).
3. Connect your mobile phone, tablet, or computer to your main router's Wi-Fi.
4. Access the hard drive via the SSKCloud App or software.
5. All devices will have internet access and can access content on the hard drive.

### 4.3. Mode 3: Wired Access Point (AP) Mode (With Internet)

This mode provides internet access to all devices through a wired connection to your router.

1. Turn on the hard drive.
2. Connect the hard drive to your main router via a LAN cable (RJ45 port).
3. Connect your mobile phone, tablet, or computer to your main router's Wi-Fi.
4. Access the hard drive via the SSKCloud App or software.
5. All devices on your home network will have internet access and can access content on the hard drive.

### 4.4. Mode 4: USB Only Mode

This mode allows direct access to the internal hard drive from a single computer via USB.

1. Turn off the hard drive.
2. Connect the hard drive to your computer via the provided USB 3.0 cable.
3. The drive will appear as an external storage device on your computer.

### 4.5. Samba Protocol for PC/Mac

For PC and Mac users, you can map the SSK HDD to Windows Explorer or Mac Finder using the Samba Protocol. The SSKCloud software includes a "Samba Management" feature that automatically configures the connection, eliminating the need to manually enter IP addresses or passwords. Once mapped, the drive functions as a network drive, with pre-setup folders under \share\_sda1. You can add new folders and manage files within these directories from your computer, which will also be accessible from mobile devices connected to the SSK drive.

## 5. SSKCLOUD APP/SOFTWARE USAGE

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The SSKCloud App/Software is your primary interface for managing the SSK SSM-F200 in wireless modes.

### 5.1. Key Functions

- **Smart Upload/Download:** Transfer files between your device and the SSK drive.
- **One-Click Backup:** Easily back up photos, videos, and other files from your mobile device or computer to the SSK drive.
- **Remote Access:** Access your files from anywhere with an internet connection (requires UID setup).
- **File Management:** Browse, organize, and stream content stored on the drive.
- **User Management:** Divide the hard drive into Private and Public areas for enhanced data security and sharing control.

# One Click Backup of Important Data On Mobile Phone/ Tablet /PC

Easily backup your photos, videos and folder.  
No longer to worry about losing cherish memories.



**Image 3:** A smartphone displaying the SSKCloud app interface, highlighting the one-click backup functionality for photos, videos, and folders.

## 5.2. Connecting External Storage

The USB Host port allows you to connect other USB storage devices, such as USB disks or SD card readers, and manage their content through the SSKCloud App.

## Capacity Expansion Freely

With USB host port, can plug another USB storage device, and manage by SSKCloud App, Easy to transfer media and enlarge sskcloud capacity.



**Image 4:** The SSK SSM-F200 demonstrating its capacity expansion feature with an SD card reader and an SD card inserted into the USB Host port.

### 5.3. Remote Access Configuration

For remote access, the SSK drive must be connected to the internet, and its internal UID number must be installed. Refer to the SSKCloud App or the official website for instructions on obtaining and installing the UID code for your device.

# Remote Access without geographical restrictions!



SSK Cloud is your Personal Cloud.

Hard disk in the network state, remote access the hard drive through the app or software, support mobile phone or PC access at anywhere, data upload /download/share, also directly play high -definition video



Do not keep  
the cloud



Free



Safety

**Image 5:** Illustrates the remote access capability of the SSK Cloud, allowing users to access important information from the hard drive even when not physically present with the device.

## 5.4. Compatibility Notes

The SSKCloud App does not currently support Chrome OS or Kindle Fire devices.

## 6. MAINTENANCE

- Battery Charging:** If the LED red light blinks, the battery is low. Charge the device promptly using a 5V/1A (or higher) USB charger.
- Physical Care:** The device contains a hard disk. Avoid dropping it or subjecting it to strong impacts to prevent damage.
- Data Backup:** Regularly back up data stored on the hard disk to prevent loss.
- Power Management:** Do not permanently connect this drive to a power supply. It is designed for portable use. For permanent home cloud storage, consider other SSK NAS models like the SSM-F100 4TB.
- Large File Transfers:** Ensure sufficient power when copying large files to avoid data corruption due to

power interruptions.

## 7. TROUBLESHOOTING

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- Slow Transfers:** If experiencing slow transfer speeds, especially with the Android app, try uninstalling and reinstalling the app. Ensure the device is configured on battery power without USB connection for optimal wireless performance.
- SD Card Backup Issues:** If the SD card backup option does not function as expected, ensure the card is properly inserted and recognized. Manual file transfer may be an alternative if automatic backup fails.
- Software Freezing/Connection Issues:** If the software gets stuck or connection is unstable, try turning the device off and on again.
- No Remote Access:** Verify that the SSK drive is connected to the internet and that the UID number has been correctly installed and configured for remote access.
- Mac OS Time Machine:** Time Machine backup functionality is only supported in USB mode, not wireless mode. However, the updated SSKCloud Software supports real-time synchronous updates and backups of designated folders on both Mac and Windows computers.
- Further Assistance:** If you encounter problems not addressed in this manual, please visit the SSK website for a "Problems and solutions" section or contact SSK customer support.

## 8. SPECIFICATIONS

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<b>Model Number</b>	SSM-F200
<b>Storage Capacity</b>	1 TB Mechanical Hard Disk
<b>Hard Drive Interface</b>	Serial ATA
<b>Hard Drive Rotational Speed</b>	5400 RPM
<b>Hard Disk Form Factor</b>	2.5 Inches
<b>Supported Formats</b>	NTFS & EXFAT (Default: EXFAT)
<b>Connectivity Technology</b>	Wi-Fi (IEEE 802.11 b/g/n, 2.4G, up to 300Mbps)
<b>Interfaces</b>	USB 3.0 port (data & charging), RJ45 port, USB Host port
<b>Battery</b>	Built-in 3800mAh Li-polymer
<b>Operating System Support</b>	Android, iOS, Windows, Mac OS
<b>Max Connected Devices</b>	Up to 10 devices simultaneously
<b>Video Streaming</b>	Supports 4 routes of 720P simulcast or 2 routes of 1080P
<b>Dimensions (LxWxH)</b>	5.2 x 3.62 x 0.87 inches
<b>Weight</b>	0.847 ounces
<b>Color</b>	Black

## 9. WARRANTY AND SUPPORT

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While specific warranty details are not provided in this manual, SSK is committed to customer satisfaction. If you encounter any issues or have questions regarding your SSK SSM-F200, please refer to the "Problems and solutions" section on the official SSK website. You may also contact SSK customer support for assistance; they are dedicated to providing solutions.

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## Related Documents - SSM-F200

 <p>Portable solid state flash drive User Manual SD301 <small>Before using the product, please read this user manual carefully.</small></p>	<p><a href="#">SSK SD301 Portable Solid State Flash Drive User Manual</a></p> <p>Discover the SSK SD301 Portable Solid State Flash Drive, a high-speed external SSD featuring dual USB-A and USB-C interfaces for broad compatibility across computers, tablets, and smartphones. This user manual provides essential information on its features, connection, usage, and storage capacity, ensuring optimal performance and data security.</p>
 <p>SSK-DK100 User Manual</p>	<p><a href="#">SSK-DK100 Dual Bay HDD Docking Station User Manual</a></p> <p>User manual for the SSK-DK100 dual bay hard drive docking station, detailing its features, specifications, installation, mobile hard drive mode, and offline cloning capabilities.</p>
 <p>HDD Docking Station User Manual DK108</p>	<p><a href="#">SSK DK108 Dual Bay HDD Docking Station User Manual</a></p> <p>User manual for the SSK DK108 Dual Bay HDD Docking Station. Learn about its features, how to use it in Mobile Hard Disk and HUB modes, and find solutions to common problems. Supports 2.5/3.5 inch SATA HDDs/SSDs with USB 3.0 connectivity.</p>
 <p>Portable solid state flash drive User Manual SD300 <small>Before using the product, please read this user manual carefully.</small></p>	<p><a href="#">SSK SD300 Portable Solid State Flash Drive User Manual</a></p> <p>User manual for the SSK SD300 Portable Solid State Flash Drive, detailing product features, connection instructions, compatibility, and troubleshooting.</p>

 <p>Portable solid state flash drive User Manual SD.30.1</p>	<p><a href="#">SSK SD301 Portable Solid State Flash Drive User Manual</a></p> <p>User manual for the SSK SD301 portable solid state flash drive, detailing its package contents, product features, notes before use, storage capacity explanation, USB interface compatibility, connection and usage instructions, and quality assurance information.</p>
 <p>Type-C All-in-One Adapter Product Manual SC211</p>	<p><a href="#">SSK SC211 Type-C All-in-One Adapter Product Manual</a></p> <p>Comprehensive user manual for the SSK SC211 Type-C All-in-One Adapter, detailing its specifications, interfaces, connection diagrams, and frequently asked questions. This adapter expands connectivity for laptops and other Type-C devices.</p>

## Documents - SSK – SSM-F200

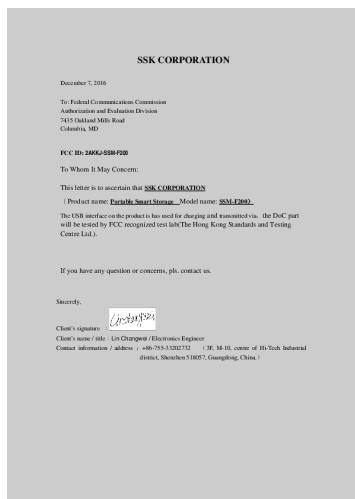
### [\[pdf\] User Manual Frequently Asked Questions](#)

SSM F200      User Manual SSK CORPORATION Portable Smart Storage 2AKKJ 2AKKJSSMF200 ssm f200



Connect **SSM-F200** to PC by the wire High-speed HDD mode Quick settings Thank you for purchasing SSK Cloud **SSM-F200**. Please read the manual carefully before using: Product interfaces and LED indicators WiFi indicator Power indicator RJ45 Ethernet port USB3.0 typeB port RESET Factory reset Power How ...

lang:en **score:47** filesize: 5.75 M page\_count: 2 document date: 2016-12-26



### [\[pdf\] Declaration of Conformity](#)

Microsoft Word DoC Attestation Letter doc Administrator DOC SSK CORPORATION SSM F200 Portable Smart Storage 2AKKJ 2AKKJSSMF200 ssm f200

SSK CORPORATION December 7, 2016 To: Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD FCC ID: 2AKKJ-**SSM-F200** To Whom It May Concern: This letter is to ascertain that SSK CORPORATION Product name: Portable Smart Storage Model name: **SSM-F200** ...

lang:en **score:37** filesize: 77.66 K page\_count: 1 document date: 2016-12-22

**ATC**

Report No. ATE20162354  
Page 1 of 103

APPLICATION CERTIFICATION FCC Part 15C  
On Behalf of  
SSK CORPORATION  
Portable Smart Storage  
Model No.: SSM-F200  
FCC ID: 2AKKJ-SSM-F200

Prepared for  
Address : SSK CORPORATION  
3F, M-10, centre of Hi-Tech Industrial district,  
Shenzhen 518057, Guangdong, China.  
Prepared by  
Address : Mr. Changwei Lin, Manager, SSK LTD.  
F1, Bldg. A, Chan Yuan New Material Port, Keyuan  
Rd, Science & Industry Park, Nan Shan, Shenzhen, Guangdong P.R. China.  
Tel: (0755) 26502990  
Fax: (0755) 26502988

Report No. : ATE20162354  
Date of Test : November 16-29, 2016  
Date of Report : December 6, 2016

FCC ID: 2AKKJ-SSM-F200

AUTORUI TECHNOLOGY CO., LTD

**SIEMIC**  
TECHNOLOGIES

Project and Product  
Certification Representative  
Authorization Letter

775 Montague Expressway Milpitas, CA 95035 Tel: 408-526-1188 Fax: 408-526-1088  
Email: TCB siemic.com ... or certifying for the following project s : Product Description:  
Portable Smart Storage Model name: **SSM-F200** FCC ID: 2AKKJ-**SSM-F200**  
Sincerely, Client s signature Client s name / title Lin Changwei / E...  
lang:en **score:36** filesize: 7.43 M page\_count: 40 document date: 2017-12-20

FCC ID: 2AKKJ-SSM-F200

Reason for Amendment (current / obsolete)      Revision History      Approved Date

Reason for Amendment (current / obsolete)	From	To	Approved Date
Initial Release (checkered)	1.0	1.0	Nov-14-2005
Revised version (checkered)	2.0	2.0	Sept-20-2005
Updated company template (checkered)	3.0	3.0	Jan-31-2005
Updated company template (checkered)	3.0	3.0	Mar-21-2005
Added FCC ID field (current)	4.0	5.0	Sept 15 2014

SCS-F18 Project and Product Certification Representative Authorization Letter Page 1 of 2  
Rev 1.0

**Problems and Solutions  
For Wireless Drive SSM-F100/F200**

Thank you for purchasing SSK product!  
Get free technical support and warranty:  
SSK provides one year warranty service. During the warranty period, if any failures and damages that comply with the warranty regulations, free replacement of the drives can be provided.  
Note: Due to the hard disk properties, please be careful not to drop the hard disk on the ground or subject it to a strong impact. When copying large files, make sure that the power is sufficient to avoid damage due to power failure.  
The warranty is limited to the drive itself, and does not guarantee the data in the drive. Please timely backup your data stored on the hard disk.  
Support Email: support@ssk.cn

**Questions List:**

1. How to power on/off the device? [For SSM-F200]
2. What is the password when the Drive is connected wirelessly for the first time? [For SSM-F200]
3. How to restore Factory settings if I forget the password?
4. Will the data be lost after restoring factory settings?
5. How to upgrade firmware?
6. How to set up the SSK Drive on mobile phone and have the Internet access? [For SSM-F200]
7. When click the SSKCloud App, the APP prompts that "Can not connect to device, please click...", how to do? [For SSM-F200]

## [pdf] Declaration of Conformity Test Report

Microsoft Word ATE20162354 2 4G FCC ID test report doc Administrator RF Test Report 1 SSK CORPORATION SSM F200 Portable Smart Storage 2AKKJ 2AKKJSSMF200 ssm f200 Report No.: ATE20162354 Page 1 of 103 APPLICATION CERTIFICATION FCC Part 15C On Behalf of SSK CORPORATION Portable Smart Storage Model No.: **SSM-F200** FCC ID: 2AKKJ-**SSM-F200** Prepared for Address Prepared by Address : SSK CORPORATION : 3F, M-10, centre of Hi-Tech Industrial district, Shenzhen 518057... lang:en **score:36** filesize: 7.43 M page\_count: 40 document date: 2017-12-20

## [pdf] Declaration of Conformity Agent Authorization

Microsoft Word SCS F18 Product Certification Representative Auth Letter Ver 5 0 doc Administrator Authorization letter SSK CORPORATION SSM F200 Portable Smart Storage 2AKKJ 2AKKJSSMF200 ssm f200 775 Montague Expressway Milpitas, CA 95035 Tel: 408-526-1188 Fax: 408-526-1088 Email: TCB siemic.com ... or certifying for the following project s : Product Description: Portable Smart Storage Model name: **SSM-F200** FCC ID: 2AKKJ-**SSM-F200**  
Sincerely, Client s signature Client s name / title Lin Changwei / E...  
lang:en **score:35** filesize: 69.37 K page\_count: 2 document date: 2016-12-07

## [pdf] Guide Warranty Accessories

Microsoft Word Problems and solutions for SSM F100 F200 songjx User Guide SSK 2TB Portable External Wireless Hard Drive with Own Wi Fi Hotspot Personal Cloud Smart Storage Support Auto Backup Phone Tablet PC Laptop Remote Access Computers Accessories B1dVdRIXJtL m media amazon images | |||

Problems and Solutions For Wireless Drive SSM-F100/F200 Thank you for purchasing SSK product Get fr ... he Hard disk. Support Email: support ssk.cn Questions List: 1. How to power on/off the device For **SSM-F200** 2. What is the password when the Drive is connected wirelessly for the first time For SS... lang:en **score:35** filesize: 3.31 M page\_count: 24 document date: 2021-12-10

**SIEMIC**  
Siemens Siemic

775 Montague Expressway  
Milpitas, CA 95035  
Tel: 408-526-1188  
Fax: 408-526-1088  
Email: TCB@siemic.com

**Confidentiality Request Letter**

Reason for Amendment (current / previous)	Revision History	Approved Date
Initial Release (initial)	1.0	1.0
Adding CFR 1.49 reference	1.0	1.0
Update for FCC ID: 2AKKJ-SSM-F200	2.0	2.0
Added IC certification for form (initial)	2.0	2.0
Corrections to STC form. Added reference to ESD	2.0	2.0
Corrected	2.0	Nov 19 2015

SCS-F19- Confidentiality Request Letter Page 1 of 2 Rev 5.0

[\[pdf\]](#) Confidentiality Request Letter

Microsoft Word SCS F19 Confidentiality Request Letter Ver 5 docx Administrator LTC SSK

CORPORATION SSM F200 Portable Smart Storage 2AKKJ 2AKKJSSMF200 ssm f200

775 Montague Expressway Milpitas, CA 95035 Tel: 408-526-1188 Fax: 408-526-1088

Email: TCB siemic.com ... Is Road Columbia, MD SSK CORPORATION Subject:

Permanent Confidentiality Request for FCC ID: 2AKKJ-**SSM-F200** Pursuant to

sections 0.457 and 0.459 of CFR 47, we respectfully request permanent confiden...

lang:en **score:34** filesize: 68.55 K page\_count: 2 document date: 2016-12-07

**WIFI Channel 12 and 13 Declaration Letter**

Reason for Amendment	Revision History	Approved Date
Initial Release (initial)	0.0	1.0
Modify the valid options	1.0	2.0
		Sep 12 2016

SCS-F190 WIFI Channel 12 13 Declaration Letter Page 1 of 1 Rev 2.0  
Created by revision 0.02 Approved by Boon Theng Angkin

[\[pdf\]](#) Declaration of Conformity Test Report

Microsoft Word SCS F190 WIFI Channel 12 13 Declaration Letter Rev2 0 docx Administrator DTS Ch12

13 letter SSK CORPORATION SSM F200 Portable Smart Storage 2AKKJ 2AKKJSSMF200 ssm f200

WIFI Channel 12 and 13 Declaration Letter Reason for Amendment Initial Release current Modify the ... are the equipment identified below with regards to Channel 12 and 13 capabilities for FCC ID: 2AKKJ-**SSM-F200** Declaration Product hardware does not have the capability to operate on Channel 12 and 13. ...

lang:en **score:32** filesize: 61.76 K page\_count: 2 document date: 2017-01-11

**Problems and Solutions**  
For Wireless Drive SSM-F100/F200

Thank you for purchasing SSK product!  
Get free technical support and warranty:  
SSK provides one-year warranty service. During the warranty period, if any failures and damages that comply with the warranty regulations, free replacement of the drives can be provided.  
Note: Due to the hard disk properties, please be careful not to drop the hard disk on the ground or subject it to a strong impact. When copying large files, make sure that the power is sufficient to avoid damage due to power failure.  
The warranty is limited to the drive itself, and does not guarantee the data in the drive. Please timely backup your data stored on the hard disk.  
Support Email: [support@ssk.cn](mailto:support@ssk.cn)

- How to power on/off the device? [For SSM-F200]
 

Answer:  
① Push the "POWER" button for 5-6 seconds until the Blue LED is on;  
② Push the "Power" button for 2-3 seconds until the Yellow LED blinks.  
We recommend you to click "remove safely" on APP before you shut it down in order to keep the data safe.
- How to set up the SSK Drive on mobile phone and have the Internet access? [For SSM-F200]
 

① Install the SSKCloud App on your Mobile phone and turn on the SSK Drive [If can not power on or LED flash Red, please charge it first];

[\[pdf\]](#) Installation Guide Frequently Asked Questions Warranty

Microsoft Word Wireless Hard Drive SSM F200 FAQs 202101 songjx SSK 1TB Personal Cloud External Portable NAS Storage with WiFi Hotspot for Travel Support Auto Backup Connect SD Card Reader Share Data iPhone iPad Tablet Smart Phone Laptop HDD FAQ Corporation B08V8VLC4K B08J488MZP B081CD34DP B07T3KD58D B1QuNW7djbS m media amazon images | |||

Problems and Solutions For Wireless Drive SSM-F100/F200 Thank you for purchasing SSK product Get fr ... data stored on the Hard disk. Support Email: support.ssk.cn 1. How to power on/off the device For **SSM-F200** Answer: .Push the POWER button for 5-6 seconds until the Blue LED is on; . Push the Pow...

lang:en **score:32** filesize: 2.42 M page\_count: 17 document date: 2021-03-05

Report No. ATE20162354  
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9.6 Test Result

The test was performed with 802.11b

Channel	Frequency (MHz)	Ave output power ANT 1 (dBm)	Ave output power ANT 2 (dBm)	Ave output power ANT 1 (mW)	Ave output power ANT 2 (mW)	Limit, dBm / W
Low	2412	5.20	5.37	5.248	5.458	30 dBm / 1 W
Middle	2437	7.52	7.53	5.649	5.662	30 dBm / 1 W
High	2462	7.39	7.27	5.336	5.333	30 dBm / 1 W

The test was performed with 802.11g

Channel	Frequency (MHz)	Ave output power ANT 1 (dBm)	Ave output power ANT 2 (dBm)	Ave output power ANT 1 (mW)	Ave output power ANT 2 (mW)	Limit, dBm / W
Low	2412	5.43	5.52	3.491	2.831	30 dBm / 1 W
Middle	2437	6.00	6.10	3.981	4.074	30 dBm / 1 W
High	2462	5.33	5.33	3.471	3.471	30 dBm / 1 W

The test was performed with 802.11n20

Channel	Frequency (MHz)	Ave output power ANT 1 (dBm)	Ave output power ANT 2 (dBm)	Ave output power ANT 1 (mW)	Ave output power ANT 2 (mW)	Limit, dBm / W
Low	2412	4.63	4.69	3.167	3.048	30 dBm / 1 W
Middle	2437	5.37	5.38	3.896	3.892	30 dBm / 1 W
High	2462	4.96	4.94	3.76	3.752	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

### [pdf] Declaration of Conformity Test Report

Microsoft Word ATE20162354 2 4G FCC ID test report doc Administrator RF Test Report SSK

CORPORATION SSM F200 Portable Smart Storage 2AKKJ 2AKKJSSMF200 ssm f200

Report No.: ATE20162354 Page 41 of 103 9.6.Test Result The test was performed with 802.11b Channel ... / 1 W 30 dBm / 1 W 30 dBm / 1 W The spectrum analyzer plots are attached as below. FCC ID: 2AKKJ-SSM-F200 ACCURATE TECHNOLOGY CO. LTD ANT 1 802.11b Report No.: ATE20162354 Page 42 of 103 ANT 2...

lang:en score:31 filesize: 7.71 M page\_count: 30 document date: 2017-12-20

FCC ID: 2AKKJSSMF200  
ACCURATE TECHNOLOGY CO. LTD  
Page 71 of 103

Report No. ATE20162354  
Page 71 of 103

ATC ACCURATE TECHNOLOGY CO., LTD.  
100-19, Changchun Rd., Neihu Dist., Taipei, Taiwan  
Phone: +886-2-26033995  
Fax: +886-02-26033995

Model No.: 2AKKJ F200  
Standard: FCC Class B M-R Radiotelephone  
Test Item: Radiotele Test  
Test Design: Class B 2: 95 %  
EUET: Smart Home Storage  
Mode: TX, 2427MHz(802.11n20)  
Manufacturer: HUAWEI  
Note: Report No. ATE20162354

11dBm chart

No. Freq. Reading (dBm) Result (dBm) Limit (dBm) Margin (dBm) Meas. (dBm) Margin (dBm) Remarks

1	2407.221	-5.14	-5.00	0.14	-5.00	0.00	Pass
2	2410.154	4.74	3.00	1.74	3.00	0.00	Pass
3	2412.221	4.28	4.30	-0.02	4.30	0.00	Pass
4	2414.221	3.97	3.00	0.97	3.00	0.00	Pass
5	2416.221	3.67	3.00	0.67	3.00	0.00	Pass
6	2418.221	3.37	3.00	0.37	3.00	0.00	Pass
7	2420.221	3.07	3.00	0.07	3.00	0.00	Pass
8	2422.221	3.07	3.00	0.07	3.00	0.00	Pass
9	2424.221	3.07	3.00	0.07	3.00	0.00	Pass
10	2426.221	3.07	3.00	0.07	3.00	0.00	Pass
11	2428.221	3.07	3.00	0.07	3.00	0.00	Pass
12	2430.221	3.07	3.00	0.07	3.00	0.00	Pass
13	2432.221	3.07	3.00	0.07	3.00	0.00	Pass
14	2434.221	3.07	3.00	0.07	3.00	0.00	Pass
15	2436.221	3.07	3.00	0.07	3.00	0.00	Pass
16	2438.221	3.07	3.00	0.07	3.00	0.00	Pass
17	2440.221	3.07	3.00	0.07	3.00	0.00	Pass
18	2442.221	3.07	3.00	0.07	3.00	0.00	Pass
19	2444.221	3.07	3.00	0.07	3.00	0.00	Pass
20	2446.221	3.07	3.00	0.07	3.00	0.00	Pass
21	2448.221	3.07	3.00	0.07	3.00	0.00	Pass
22	2450.221	3.07	3.00	0.07	3.00	0.00	Pass
23	2452.221	3.07	3.00	0.07	3.00	0.00	Pass
24	2454.221	3.07	3.00	0.07	3.00	0.00	Pass
25	2456.221	3.07	3.00	0.07	3.00	0.00	Pass
26	2458.221	3.07	3.00	0.07	3.00	0.00	Pass
27	2460.221	3.07	3.00	0.07	3.00	0.00	Pass
28	2462.221	3.07	3.00	0.07	3.00	0.00	Pass
29	2464.221	3.07	3.00	0.07	3.00	0.00	Pass
30	2466.221	3.07	3.00	0.07	3.00	0.00	Pass
31	2468.221	3.07	3.00	0.07	3.00	0.00	Pass
32	2470.221	3.07	3.00	0.07	3.00	0.00	Pass
33	2472.221	3.07	3.00	0.07	3.00	0.00	Pass
34	2474.221	3.07	3.00	0.07	3.00	0.00	Pass
35	2476.221	3.07	3.00	0.07	3.00	0.00	Pass
36	2478.221	3.07	3.00	0.07	3.00	0.00	Pass
37	2480.221	3.07	3.00	0.07	3.00	0.00	Pass
38	2482.221	3.07	3.00	0.07	3.00	0.00	Pass
39	2484.221	3.07	3.00	0.07	3.00	0.00	Pass
40	2486.221	3.07	3.00	0.07	3.00	0.00	Pass
41	2488.221	3.07	3.00	0.07	3.00	0.00	Pass
42	2490.221	3.07	3.00	0.07	3.00	0.00	Pass
43	2492.221	3.07	3.00	0.07	3.00	0.00	Pass
44	2494.221	3.07	3.00	0.07	3.00	0.00	Pass
45	2496.221	3.07	3.00	0.07	3.00	0.00	Pass
46	2498.221	3.07	3.00	0.07	3.00	0.00	Pass
47	2500.221	3.07	3.00	0.07	3.00	0.00	Pass

### [pdf] Declaration of Conformity Diagram Test Report

Microsoft Word ATE20162354 2 4G FCC ID test report doc Administrator RF Test Report 3 SSK

CORPORATION SSM F200 Portable Smart Storage 2AKKJ 2AKKJSSMF200 ssm f200

Report No.: ATE20162354 Page 71 of 103 FCC ID: 2AKKJ-SSM-F200 ACCURATE TECHNOLOGY CO. LTD Report No.: ATE20162354 Page 72 of 103 FCC ID: 2AKKJ-SSM-F200 ACCURATE TECHNOLOGY CO. LTD Report No.: ATE20162354 Page 73 of 103 FCC ID: 2AKKJ-SSM-F200 ACCURATE TECHNOLOGY CO. LTD Report No.: ATE20162354 Report No.: ATE201...

lang:en score:30 filesize: 7.69 M page\_count: 33 document date: 2017-12-20

FCC ID: 2AKKJSSMF200  
ACCURATE TECHNOLOGY CO. LTD  
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Page 71 of 103

ATC ACCURATE TECHNOLOGY CO., LTD.  
100-19, Changchun Rd., Neihu Dist., Taipei, Taiwan  
Phone: +886-2-26033995  
Fax: +886-02-26033995

Model No.: 2AKKJ F200  
Standard: FCC Class B M-R Radiotelephone  
Test Item: Radiotele Test  
Test Design: Class B 2: 95 %  
EUET: Smart Home Storage  
Mode: TX, 2427MHz(802.11n20)  
Manufacturer: HUAWEI  
Note: Report No. ATE20162354

Label and label location

FCC ID: 2AKKJ-SSM-F200  
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.

### [pdf] Label

Microsoft Word 2AKKJ SSM F200 label and location doc Administrator Label Location SSK

CORPORATION Portable Smart Storage 2AKKJSSMF200 ssm f200

Label and label location FCC ID: 2AKKJ-SSM-F200 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.

lang:en score:29 filesize: 37.34 K page\_count: 1 document date: 2016-12-07

FCC ID : 2AKKJ-SSM-F200

Portable device

According to §15.1317(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy in excess of the Commission's guidelines.

According to K256.447-498 (00) General RF Exposure Guidelines, section 4.3.1

The 1 g and 10 g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined as follows:

$$[\text{max. power of device}] \times [\text{test separation distance}]^2 / [\text{mm}]^3 \leq 1.96 \text{ for } 1 \text{ g SAR, and} \leq 7.3 \text{ for } 10 \text{ g extreme SAR, where } [\text{GHz}] \text{ is the RF channel transmit frequency in GHz.}$$

Power and distance are rounded to the nearest mm and mm before calculation.

The test exclusion is not applicable when the minimum test separation distance is  $\leq 50$  mm and the maximum test separation distance is  $\leq 50$  mm. When the minimum test separation distance is  $\leq 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

802.11b mode:

Frequency (MHz)	Output Power (dBm)	Output Power (dBm)	Output Power (dBm)	Output Power (dBm)	Target power (mW)	Calculation power (mW)	Value (Max.)	Threshold Value
2412	7.20	7.37	5.248	5.458	7.11	1.96	3.0	
2437	7.52	7.53	5.649	5.662	7.11	1.97	3.0	
2462	7.10	7.27	5.236	5.333	7.11	1.98	3.0	

802.11g mode:

Frequency (MHz)	Output Power (dBm)	Output Power (dBm)	Output Power (dBm)	Output Power (dBm)	Target power (mW)	Calculation power (mW)	Value (Max.)	Threshold Value
2412	5.45	5.52	3.491	2.431	6.11	1.56	3.0	
2437	5.45	5.52	3.491	2.431	6.11	1.56	3.0	
2462	5.75	5.73	3.471	3.471	6.11	1.57	3.0	

[pdf] Declaration of Conformity SAR Rating

Microsoft Word RF Exposure doc Administrator Report SSK CORPORATION SSM F200 Portable Smart Storage 2AKKJ 2AKKJSSMF200 ssm f200

**FCC ID : 2AKKJ-SSM-F200** Portable device According to 15.247 e i and 1.1307 b 1 , systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to...

lang:en score:27 filesize: 29.32 K page\_count: 2 document date: 2017-12-20

External Photos



[pdf] Declaration of Conformity Product Photos

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External Photos ...

lang:en score:18 filesize: 209.14 K page\_count: 4 document date: 2016-12-07

Internal Photo



[pdf] Declaration of Conformity Product Photos Teardown

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Internal Photos Antenna 1 Antenna 2 ...

lang:en score:18 filesize: 326.36 K page\_count: 3 document date: 2016-12-22



[\[pdf\]](#) Declaration of Conformity

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Test Photo ...

lang:en score:17 filesize: 155.41 K page\_count: 2 document date: 2016-12-07