SmartMat

Quick Start Manual

Smart Shopping

Ver 1.3 July, 2022

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1. Initial Set-Up

Initial Set Up – Overall Flow

1-0. Things Required for Initial Set-up

- **SmartMat (Hardware)**
- **Wi-Fi (2.4GHz)**
  - **<u>SSID and Password</u>**
    - Alphanumeric 8 to 63 characters
  - **<u>Security Limitation</u>**
    - Secret mode: SmartMat can perform
    - MAC address verification: SmartMat can perform but please check with the network administrator in advance
    - DHCP: SmartMat does not perform. Please set up the WiFi
  - **<u>Number of SmartMats connectable simultaneously</u>**
    - Number of SmartMat connectable simultaneously is largely subject to the WiFi rooter capacity. Please contact us for further details
- **Products That Will Be Measured ("Measured Products")**
- **Recommended Web Browser for Mat Management Screen**: Chrome (Ver68+), Safari (Ver11+), Firefox (Ver61+). **<u>Note that the mat management screen does not work with Internet Explorer/Microsoft Edge</u>**
- **Log-in ID (Email address of mat administrator) and Password**

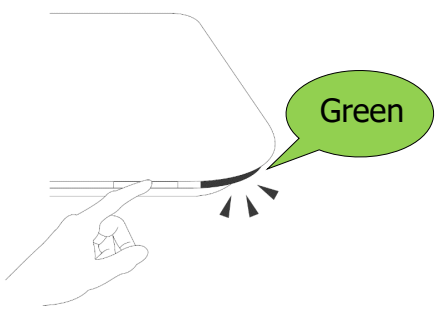
1-1. 0kg Reset (Required to Conduct Right After Inserting Batteries)

0kg reset is the auto-adjustment function based on the user location.

⚠ **SmartMat does not work without 0kg reset, even after inserting the dry cell batteries. Please make sure to carry out 0kg reset!**

a. Insert dry cell batteries and push 0kg reset button without putting anything on the SmartMat

DO NOT PUT ANYTHING ON THE MAT when carrying out 0kg reset. You will need to insert dry sell batteries again if you put products on the mat during the 0kg reset.



1-2. Wi-Fi Settings

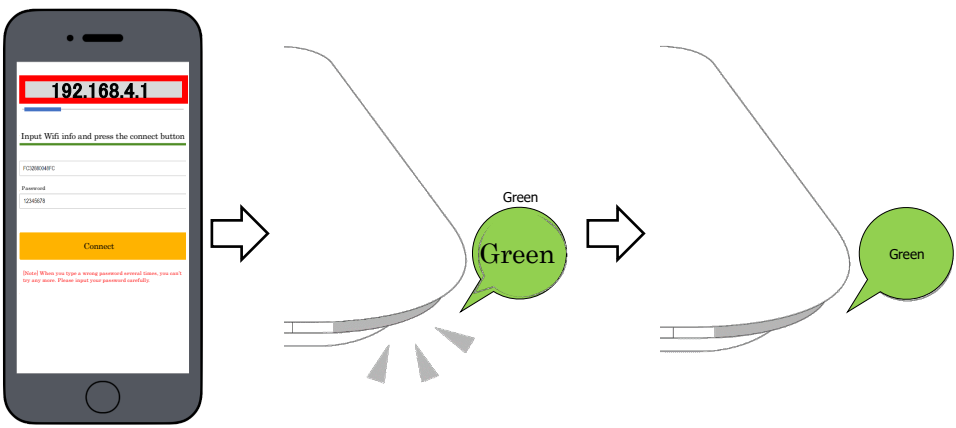
a. Directly Connect User Wi-Fi Terminal and SmartMat

When you **keep pressing the SmartMat button for more than 5 seconds**, the lamp will blink green. Once you see the blinking, place the user WiFi terminal to the SmartMat and choose "**smartmat XXXXXXX (last 7 digits of serial ID)**" and put the password "**smartmat**". Then the SmartMat will be connected to the WiFi.

b. Set-up the WiFi connection via the recommended internet browser and connect SmartMat to the Internet

Input "192.168.4.1" into your browser, and the WiFi setting page will be displayed.

Input the SSID and Password, and then the light will blink green.



If the lamp turnes red, it indicates SmartMat is not connected to the internet.

Please confirm if SSID/PWD of WiFi is correct and whether Wi-Fi network is properly performed. After confirmation, see (1-2) and follow the instruction. For the WiFi environment, please see (1-0) of this manual. If the Wi-Fi network is not solid and SmartMat is not connected to the Internet, please follow (1-2b) nearby Wi-Fi rooter.

1-3. Prepare the Mat Management Software

Under the mat management software, you will be able to register/change the Measured Products, confirm the residual battery and WiFi connection status, and set up the order/notification method. For the effective usage of SmartMat, **please fill in the accurate data** based on the following instruction.

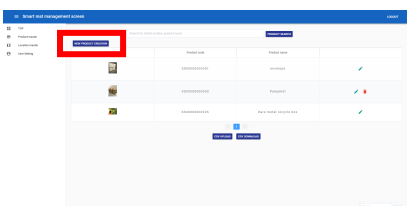
a. Client Log-In

Go to the login page for the mat administrator (https://app.smartmat.jp/login) and login using login ID and password. **[Note]** If you purchase SmartMat from other distributors, you will need to create the login ID and register serial ID of SmartMat via our registration page (https://app.smartmat.jp/register)

b. How to Set the Measured Products

b1. Register the Measured Products to Products Master

Click New Product Creation from Product Master

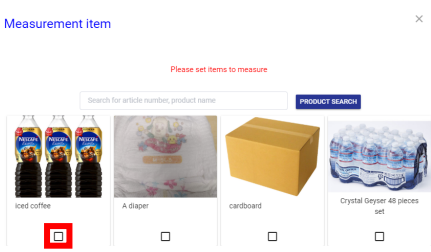


Register Product and Product Picture

b2. Link the Measured Products and SmartMat

1. Back to Top and Click Products Icon

Choose the Products from Products Master



c. How to Set the Measurement Parameters

Click Setting Icon in “Remaining” Row

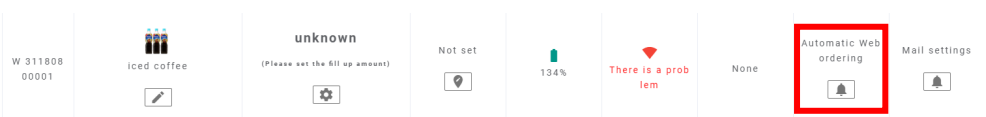
Set Display Mode and Parameters

(Max & Unit Weight, Threshold etc.)

<u>Under the default settings, email alert generates when the remaining weight falls behind the preset threshold.</u> If you want to receive the email alert when the remaining weight exceeds the preset threshold, **<u>change the Remaining Mode to "Increase"</u>**.

d. Notification and Auto-Order Settings

Once the alert/order setting is complete, **<u>automatic notification/order is being initiated at the preset threshold parameter</u>**.



d1. Auto Web-Order

Enter ID/PWD of the designated EC shops

<u>* Customization required. Please contact us</u>

d2. Auto Email Order

Enter email address (Up to 3)

Enter email templates / Contents

d3. Auto Fax Order

Enter fax number (no hyphen, up to 3) & templates

<u>* eFax subscription required. Please contact us</u>

d4. Email Alert Only

Enter email address (Up to 3)

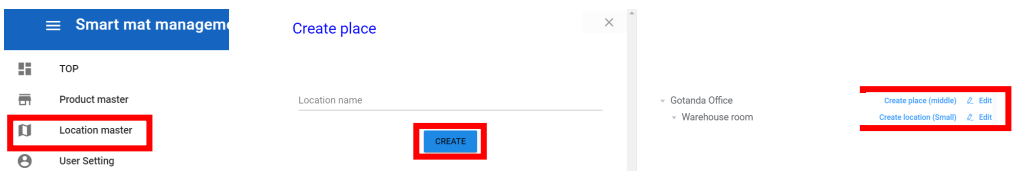
Enter email templates

e. Add the Mat Location (Optional)

Adding mat location is optional and not mandatory; however the management and sort-out function based on the location is available once the location is set. SmartMat can automatically sum-up the products where 1) the location is the same and 2) the measured products are the same.

e1. Add the Location Master Data

Location master is comprised of 3 layers (Large, Middle and Small) and therefore you can manage the 3 layers based on your inventory management requirements.
(Example: Office name (L), Room name (M), Detailed Location (S))
* You will need to fill in all layer information if you wishes to use the location master. **Please fill in the middle and small location data as well.**

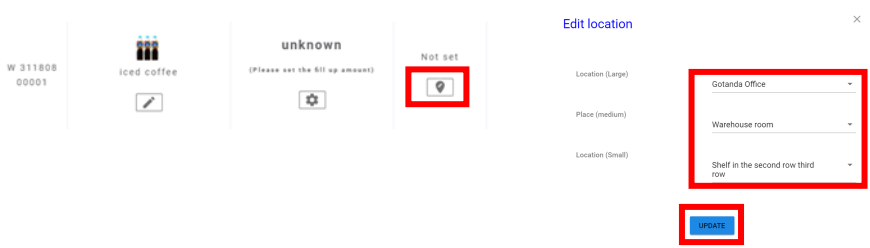


Click "Create location (large)" in the Location master and fill in the necessary data. Once the location (large) is created, also click location (middle) and location (small) and fill in the data subsequently.

e2. Link the Measured Products and Location

Back to "TOP" and click icon in the "place" row

Designate the location of SmartMat at 3 layers (large, middle and small)

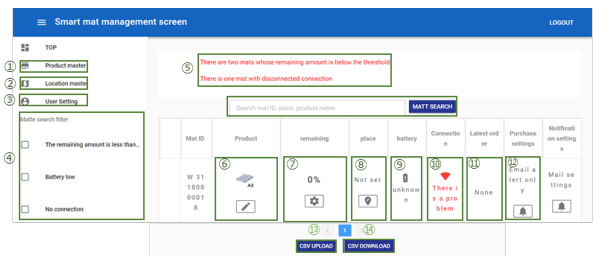


Location (middle and small) should not be set as blank. Please follow the guidance at (e1)

2. How to Use SmartMat

2-1. How to Use the Mat Management Software

a. Mat Management Screen



① Product master page
② Location master page
③ User setting page
④ Refine search
⑤ Important messages
⑥ Setting up measurement items
⑦ Level indicator + parameter setting
⑧ Location setting
⑨ Battery level
⑩ Wi-Fi connection status
⑪ Latest order confirmation
⑫ Purchase / notification settings
⑬ Upload CSV
⑭ Download CSV

b. How to Change Wi-Fi

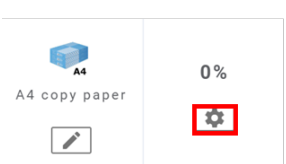
Follow (1-2b) and input the new WiFi information, then the settings will be updated.

c. Change the Measured Products

Once you register the new measured products, follow (1-3-b2) and link the mat and products again. (You will need to register the products again)

d. Data Measurement Record of Measured Products

①Click Setting Icon in "Remaining" Row



②Click "Measurement history graph"

e. Email Address and Notification Coverage of Recipients

Mat management administrator will receive the notification of all the SmartMats; each user will receive notification on the relevant SmartMat he/she monitors.

		Overall Administrator	User	Vendor
Type of e-mail address		Administrator email address = Login ID	Notification address (up to 3)	Supplier address (up to 3)
Authority		Setting of all products by mail receipt management software	Receive e-mail of setting mat	Receiving Order Mail
Periodic mail	Notice once a week, the state of all mats, the remaining amount of goods	○	—	—
Manual measurement mail	When you press the button, notify the status of the pressed mat, the remaining amount of the item	○	Setting mat only	—
Measurement item Remaining amount alert	When the remaining amount crosses the threshold value Alert	○		—
Battery remaining alert	Alert when the remaining battery power is below 25%	○		—
Wi-Fi connection alert	Alert when there is no connection for a certain period of time	○		—
Order confirmation ・Completion mail	Pre-confirmation e-mail of Web / mail / fax order・Completion mail	○		—
Order mail	Order mail when ordering mail	CC	CC	○

Notification and email alert are delivered to you every 10:00am (default settings and can be changed)

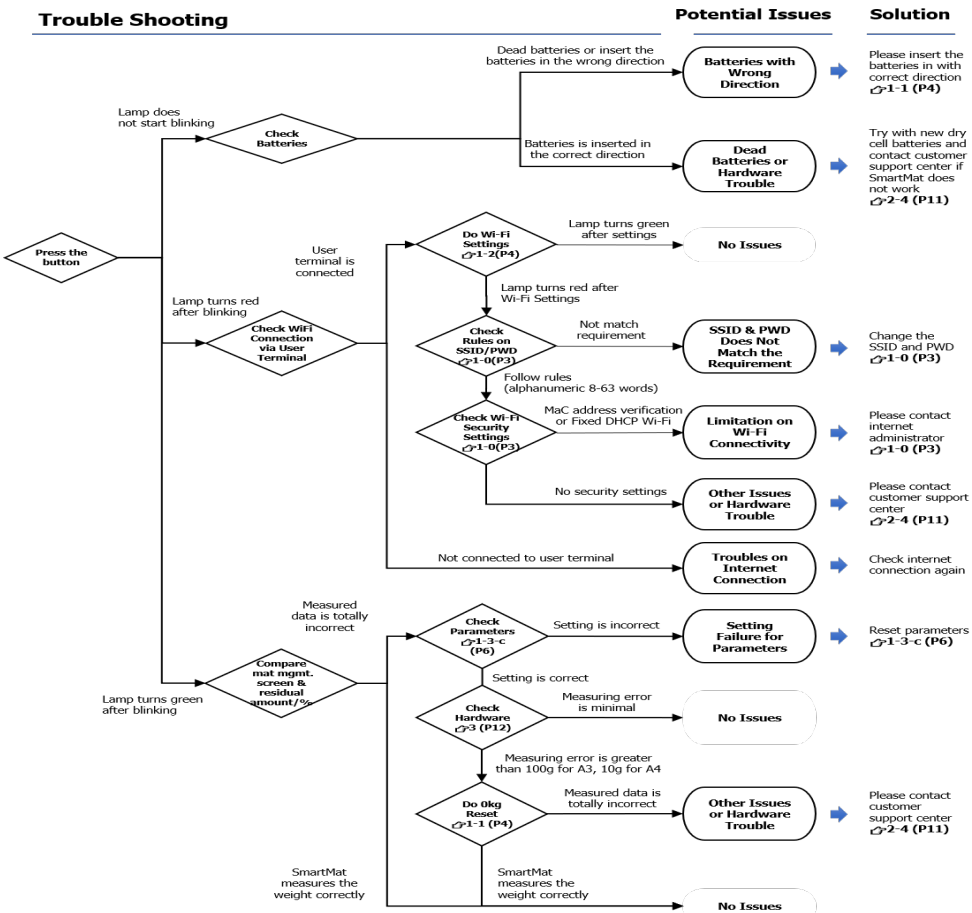
f. Change the Email Address (Per Each SmartMat)

Click the purchase/notification button in each SmartMat and change the purchase/notification methodologies based on the guidance of (1-3d).

2-2. Troubleshooting

STEP1 (Restart): Reinsert dry cell batteries and carry out 0kg reset, see "**1-1**"
STEP2 (Diagnosis): If the issues are not solved after carrying out 0kg reset, see the following diagram and identify the potential troubles.

STEP3 (Factory Reset Button): If the issues are not solved after STEP2, press the factory reset button longer using the pin to reset to the factory set initial configuration.



2-3. Online Support

Please see our online support for the configuration, basic function, troubleshooting and the latest news and additional services. Our support desk information is available via online. (Contact information is different subject to where you purchase SmartMat)

[Smart Shopping Online Support] Web Page URL: **https://smartmat.jp/help/**

2-4. For Further Information / Inquiry

Please contact us in case the issues are not solved after (2-2) Troubleshooting, and (2-3) Support.

[Smart Shopping Customer Support for SmartMat]

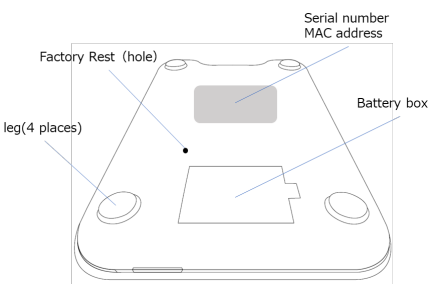
Email : support@smartmat.jp

Call : +81-50-1746-8179 (For Current SmartMat User Only)

Operating Hours: 9:00am to 6:00pm (Except for Sat, Sun and Year End Holidays)

3. Basic Information

Basic Configuration of SmartMat



Basic Function of SmartMat

Item	Contents			
Product Name	SM-W34	SM-W44	SM-W54	SM-W64
Size	A3	A4	A5	A6
Dimensions	400x300x30mm	300x200x30mm	200x150x35mm	148x105x32mm
Measurement Resolution	per 100g	per 10g	per 1g	per 1g
Max/Min Weight	100g～100kg	10g～30kg	1g～5kg	1g~2kg

Body Weight	about 2.4kg	about 1.3kg	about 0.7kg	about 0.25kg
Measurement Timing	Ontime / When fluctuation is detected			
Transmission	Wi-Fi 2.4GHz			
Power Supply/ Battery Life	4 AA alkaline batteries with 5 years (Once per day)			4 AAA alkaline batteries with 3 years (Once/day)
	6V AC adapter (selling separately)			
Operating Environment Conditions	0℃～35℃ 30～85%RH			
Storage Environment Conditions	-20℃～60℃ 10～95%RH			
Waterproof	IPX3 (adaptable for injection water (vertical ±60°)			

Cautiously Statement – In order to use SmartMat safely

PROHIBITED	CAUTION
✧ Do not use or store the SmartMat within the reachable scope of babies and infants. ✧ Do not use in aircraft or hospitals, where radio communication is prohibited. ✧ Do not give a strong shock to the body of the SmartMat, including but not limited to, knocking down or dropping the body, and dropping things on the mat. ✧ Do not use it where the floor is wet or slippery. Do not deliberately spray water. ✧ Do not decompose or remodel the mat. ✧ Do not put the products that are heavier than the maximum measurable weight. ✧ Do not use or store the SmartMat in the environment where SmartMat does not perform properly.	Please strictly follow the guidance below in order to properly monitor the residual amount/% ✧ Regularly carry out 0kg adjustment ✧ Use SmartMat under the recommended Wi-Fi environment ✧ Use the SmartMat at the flat and stable place/ground (SmartMat may not properly work at the softened floor) ✧ Do not use the SmartMat in the environment where the temperature difference is sharp ✧ Put a thing in the center of Smart Mat

✧ Do not spill hot water, benzine, sinner and other dangerous solvent.	

Certification

(FCC Statement) Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

(FCC Radiation Exposure Statement) This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator& your body.

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 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.