

Login Page



로그인

아이디 ①

비밀번호 ②

로그인 ③

회원가입 ④

Login Page

Can sign-in with own id and password

Or can sign-up

Feature

- ① : Enter ID
- ② : Enter password
- ③ : Login button.
- ④ : Sign-up button

Sign-up page

회원가입 ×

사용자 종류 ①

관리자 사용자

아이디 ②

비밀번호 ③

비밀번호 확인 ④

⑤
회원가입

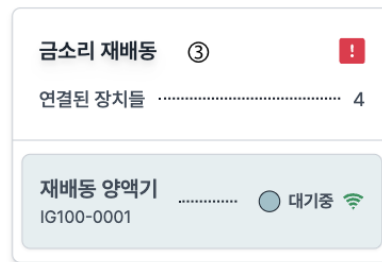
Sign-up screen

Enter User type, ID, Password to sign up

Feature

- Enter User type, ID, Password
- ③-Password and ④-Password check should be same
- Tap "회원가입" button finishes sign-up step.

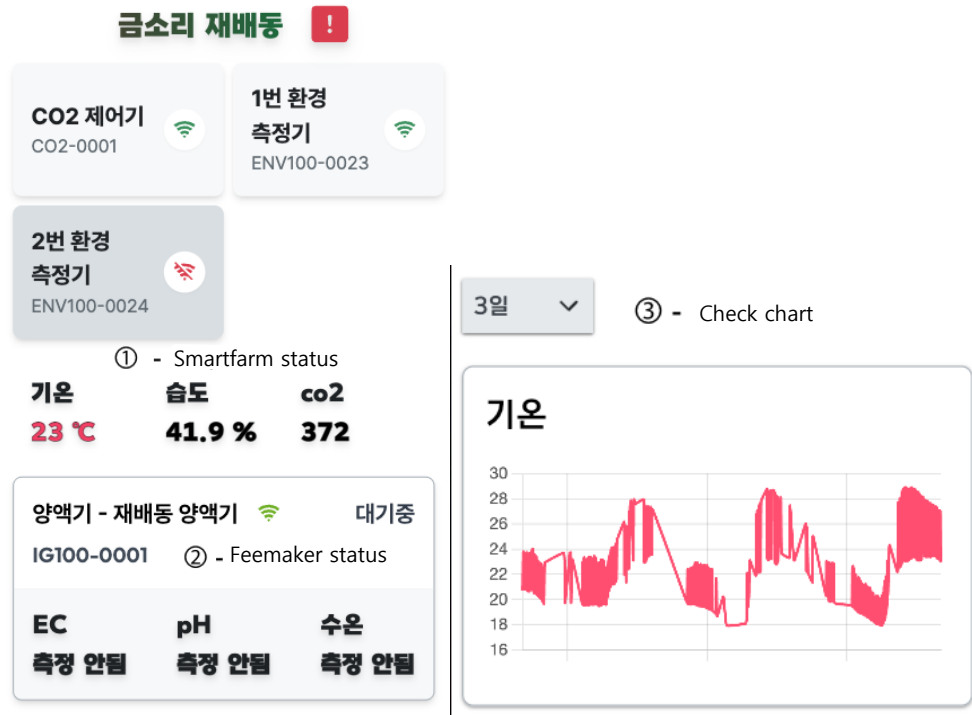
Main page – Listing smartfarms



Feature


- ① : Tap this button and get back to initial screen or enter user setting. In another screens, user can press back button of their own phone to get back.
- ② : Check numbers of smartfarm user have now. Click reset button to get fresh list.
- ③ : List of individual smartfarms. If user tap exclamation icon, they can check which devices are disconnected. Can close after tap icon again or another part of screen
 - If devices keep disconnected, contact to us.

Smartfarm page - initial



Feature

- ① : **Display smartfarm name and air condition**
 - Temperature : Keep 20~25 celcius (68 ~ 75 fahrenheit) degree.
 - Humidity : Too high humidity can be fatal to plants
 - Co2 : Essential element for plants, if co2 is too low, plants grow slowly.
- ② : Show feedmakers status, mode. Tap to enter detailed setting.
- ③ : Check status of environment. Tap "3일" to determine length of chart want to see.

불러오는중... 

- This icon appear while load data.

Feedmaker page

금소리 재배동 !

재배동 양액기 Wi-Fi

IG100-0001 ① - Feedmaker info

기온	습도	co2
23 °C	42.1 %	371
EC	pH	수온
측정 안됨	측정 안됨	측정 안됨 <small>수온 측정 안됨</small>

상세 설정 차트

관리자 설정

급액 주기 ③ ▼

급액 중단

② - Feedmaker setting

다음 급액까지 남은 시간

-

Feature

- ① : Check status of feedmaker.
- ② : Set detailed setting of feedmaker.
- ③ : Select one of detailed setting.

Feedmaker page – operation status

양액기 작동 상태 Click to select another ▾

재배중

최근 급액 시간
2024. 6. 12 오전 09:43:26

급액 종료 시간
37분 31초 후

재배모드 청소모드

중지 행균 폐수

Feedmaker operation status

- Check current mode and feed status
- Tap modes down below to change mode of feedmaker.

Feedmaker page – feeding cycle

급액 주기

급액 중단

다음 급액까지 남은 시간
-

최근 급액 시간
2024. 6. 11 오후 02:01:52

다음 급액 시간
-

급액 주기
총 50분 중

0 시 1 분 0 초

급액

0 시 49 분 0 초

Feeding Cycle

- Set how long to feed and stop nutrient fluids.
- In this case, feed for 1 minutes and stop for 49 minutes.

Feedmaker page - ECPH

EC/pH

현재 EC	1000	목표 EC	1100
		-	+
현재 pH	5.7	목표 pH	5.9
		-	+

적용 취소

EC 적정수치

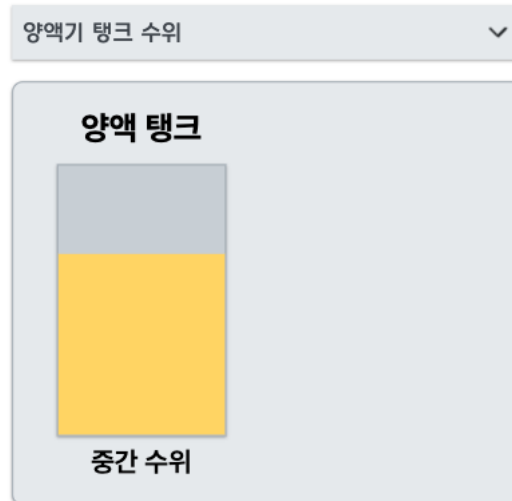
1차 수확 전 : 600 ~ 800 < >

2차 수확 전 : 800 ~ 1200

ECPH

- Set target EC and PH
- Can change the value by typing via the virtual keyboard or by tapping the - / + buttons to change the value.
- Click "적용" to apply and click "취소" to reset value.

Feedmaker page – feed tank water level



Feed tank water level

- Check feed tank water levels
- Red is low, yellow is moderate, and blue is high.

Feedmaker page - Log

2024. 06. 14. ☰ 까지 로그 50개 ▾ 씩

로그 새로고침 ↻

로그 내용 검색

시간	내용
1 2024-06-14 오후 1:24:06	양액 급액 펌프이(가) 꺼졌습니다.
2 2024-06-14 오후 1:22:04	양액 급액 펌프이(가) 켜졌습니다.
3 2024-06-14 오후 1:19:39	양액 탱크의 수위 상태가 보통이(가) 되었습니다.

Log

- Check logs of feedmaker
- Decide how many records to fetch and by when.
- Tap "로그 새로고침" to get new logs
- Can search log with search bar.

Feedmaker page - chart



Chart

- Can check status of nutrition fluid over time.
- Decide how far back in time you want to fetch data from the current moment by click "3일" and select one.

Feedmaker page - Planter

재배기 1 ① - Select planter

작동중 ① - Planter power 켜짐
현재 작물 : 없음

자동 수확 켜짐 켜짐
수확중 ② - Auto plant on/off
수확중

이전 수확 시간
2024. 6. 11 오후 04:24:32

수확 중
13초

다음 수확 시간
2024. 6. 11 오후 04:25:02
③ - Change auto planter cycle
0 시 0 분 20 초

LED 주기 ④ - Change LED, FAN cycle
하루 중 14시간 켜짐
7 시 0 분
켜짐
21 시 0 분
꺼짐
적용 취소

Planter – Show only if there is planter in smartfarm.

- ①, ② shows only if there is auto planter in smartfarm.
- ① : Turn on/off auto planter power.
- ② : Turn on/off auto plant feature.
- ③ : Change cycle of auto planter.
- ④ : Change cycle of LED or FAN.

Feedmaker page – environmental control

The screenshot shows a control panel for CO2. At the top, there is a dropdown menu labeled 'Co2 제어기' with the text 'Select controller to change' and a downward arrow. Below this is a section titled 'Co2 제어' with a green '켜짐' (On) button. The current CO2 level is displayed as 'CO2 현재 값 1442'. The target CO2 level is set in a text input field to '1000', with 'CO2 목표 값' (CO2 target value) written to its left. Below the input field are minus and plus buttons. To the right of the input field are two buttons: '적용' (Apply) and '취소' (Cancel).

Environmental control

- Show only if there is controller in smartfarm.
 - Can set target value of CO2 or temperature.
 - Turn on/off controller.

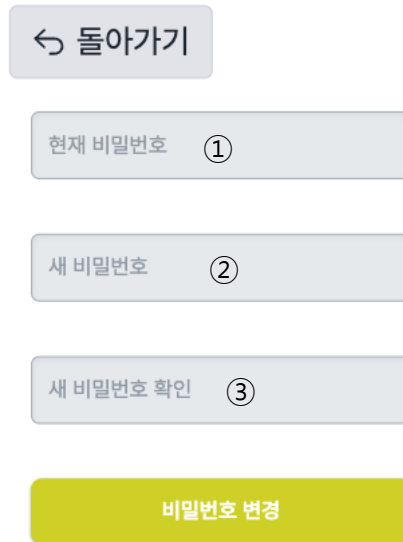
User setting page



기능

- You can enter by tapping either of the two icons pointed by arrows.
- Check user privilege and id
- Can change password.

User setting page – change password



The image shows a user setting page for changing a password. It features a back button labeled "← 돌아가기" at the top. Below it are three input fields: "현재 비밀번호 ①" (Current Password), "새 비밀번호 ②" (New Password), and "새 비밀번호 확인 ③" (Confirm New Password). At the bottom is a yellow button labeled "비밀번호 변경" (Change Password).

Change password

- Tap "돌아가기" to get back to main screen
- Enter current password in ① and new password in ②, ③ to change password
- In ②, ③. New password and check new password should be same.