



Background of Development

In a recent situation, where the Smart-Phones have become accustomed, building tenants want to control the Lighting for their area by Smart-Phone instead of local switch. From this background, we have developed the Smart-Phone App program that can be connected to our ELC Lighting Control System. It was developed as an APP Program that can run on Android of Google or IOS of Apple and even from the Internet Browse Window, simply register our System's IP address to run this program more easily.

This App program is available to control the ON/OFF & Dimming for lighting and also for the Relay's ON/OFF control for the Lighting Control as well. The Schedule Program Setting Control for each area and region was also can be done from this Smart-Phone App Program. In addition, the My Page & My Scene functions have been added to this App Program to make it more easier to Residents to control and manipulate the Lighting of people's area and moving line.

Overview

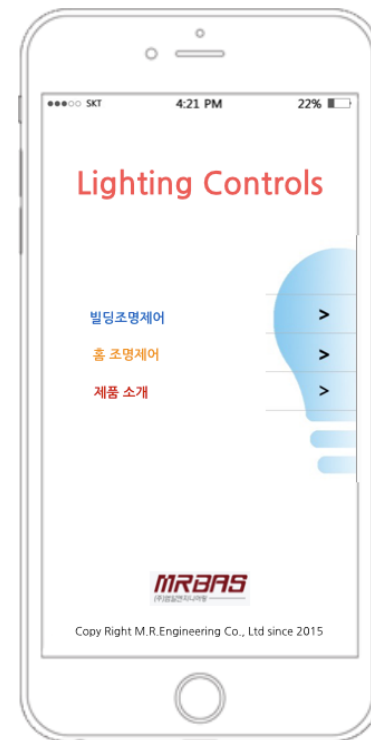
Our (MRBAS) Smart-Phone App Program is based on our Software (Smartrol V.3.1). We have created the Smart-Phone specific App Program by extracting the Key Points from our Lighting Control Software (Smartrol V.3.1).

We have covered the essential functions of our ELC Lighting Control System to our Smart-Phone App Program.

Especially, this App Program has various functions such as Schedule Program, MY PAGE, MY SCENE setting and programmed contents downloading to replace the software of Monitoring PC.

Main Feature

- Applicable to all Smart-Phone for Android & iPhone.
- It operates with two types of APP. One with the Server and one without the Server.
- Communication Setting : The Communication Connection with ELC System and SCU.
- Device Setting : Various Relay Module, DALI Dimming Module, Wireless Dimming Module, Switches and Group Switches.
- Lighting Control Setting : The specific control program setting for each device that created from device setting.
- Data transmission & Schedule Control.
- Data Inquiry : LOG & Run Time

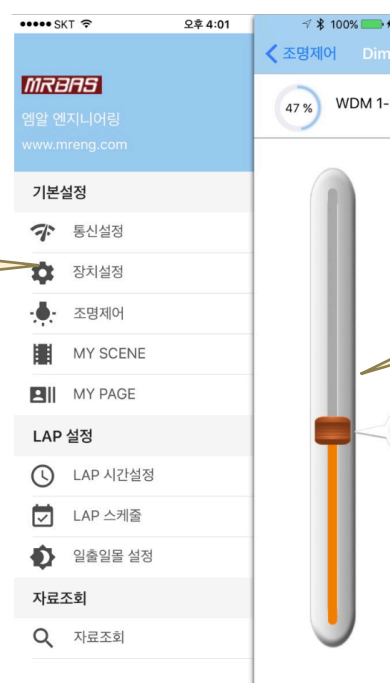


Application

The user who wants to install the mrapp, search the "m.r. Lighting Control" app from the App Store to download it. Install this App to Smart-Phone and building tenant is able to establish the communication setting for SCU and ELC System. Then register the location setting of the corresponding project. Also, register the Device Setting for each lighting control device & switches. Able to set up the Schedule Control Program for their area and select the data transmission to download the Programmed APP Contents to each of Lighting Control Device. The residents can set up and operate the MY PAGE & MY SCENE functions for their own area.

Smart-Phone Screen Configuration

Select the each menu on Smartrol's Main Menu to configure the program.
Communication Setting.
Device Setting.
Lighting Control.
MY SCENE.
MY PAGE.
Schedule Setting.
Data Management.
LAP Setting.
Group Management.
Relay Test.
Data Inquiry.
Location Setting.



Execute the actual ACTION such as Program Setting, Configure, On/OFF, Dimming Control.

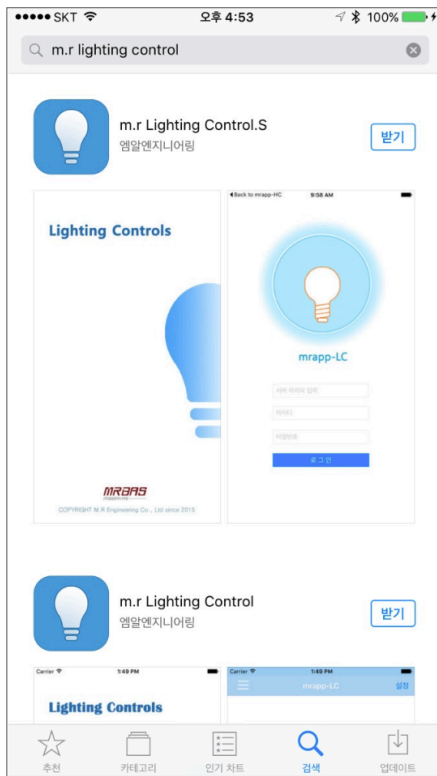


LIGHTING CONTROLS

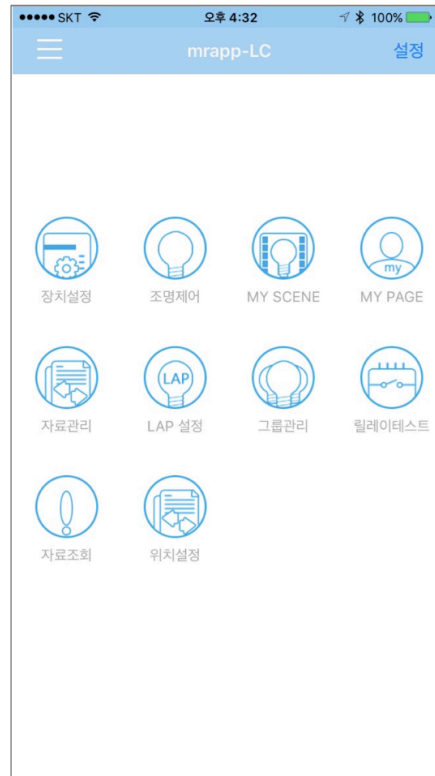
m.r.Lighting Control.S
m.r.Lighting Control

App. for Building Lighting Control

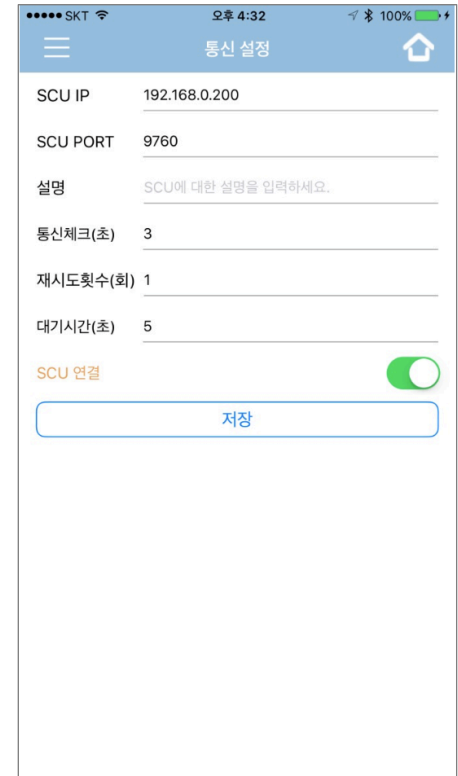
MOBILE APP



Can be downloaded it from APP STORE or Android Store.



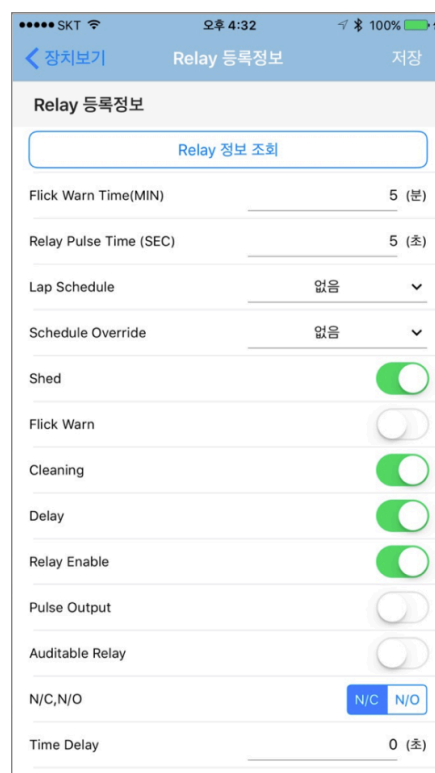
Communication Setting, Device Setting, Program Setting and Menu for each Lighting Control.



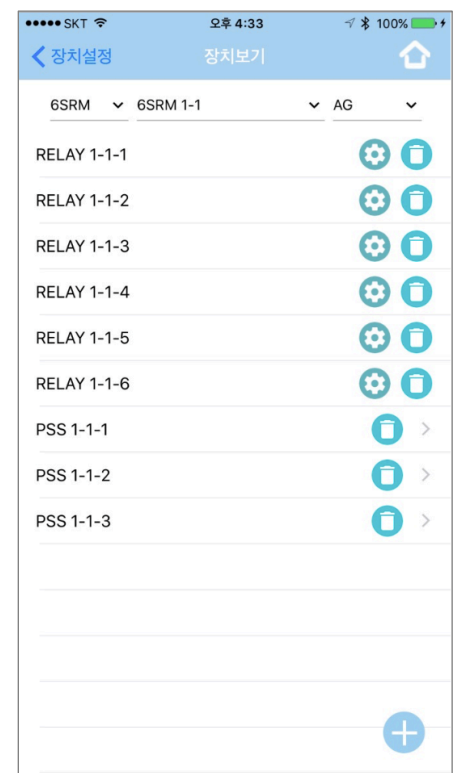
After setting the communication for SCU, execute the APP Program to control the Program & Setting.



From Device Setting, select each of Lighting Control Device (6sRM) and save it. The setting for additional control device is set.



From Device Setting, set the detailed information of each relay.



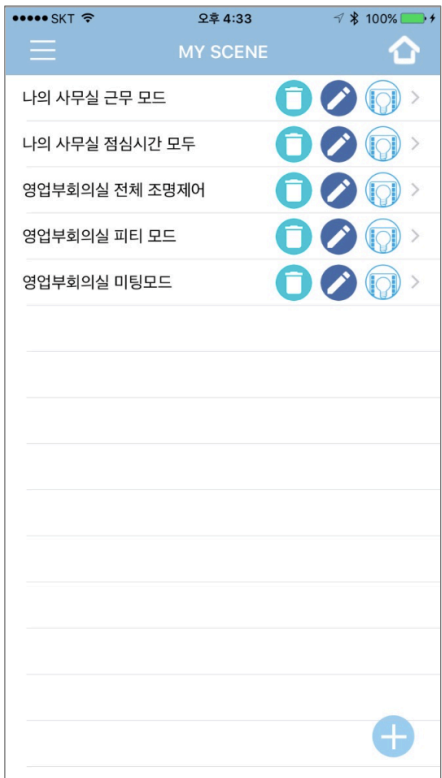
This is the screen after setting the 6sRM from Device Setting. In this screen, control the each relay directly.



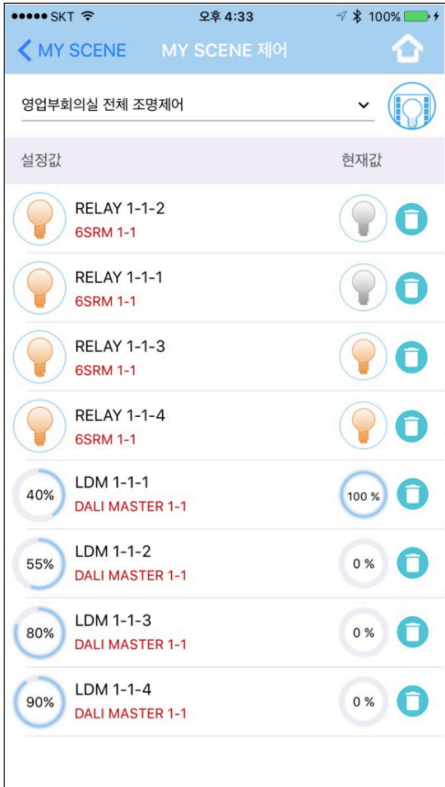
MOBILE APP

m.r.Lighting Control.S
m.r.Lighting Control

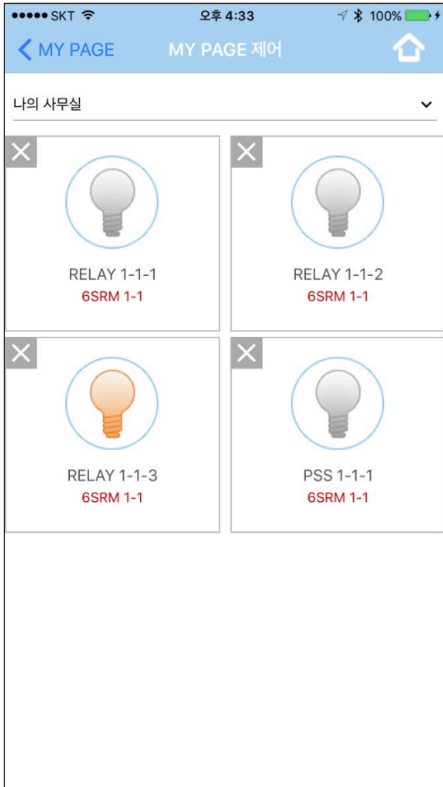
App. for Building Lighting Control



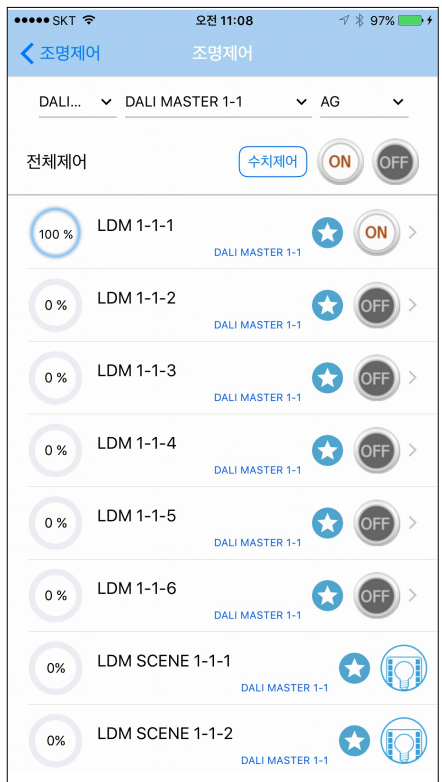
MY SCENE is able to operate the SCENE Mode by setting the contents that occupant wants.



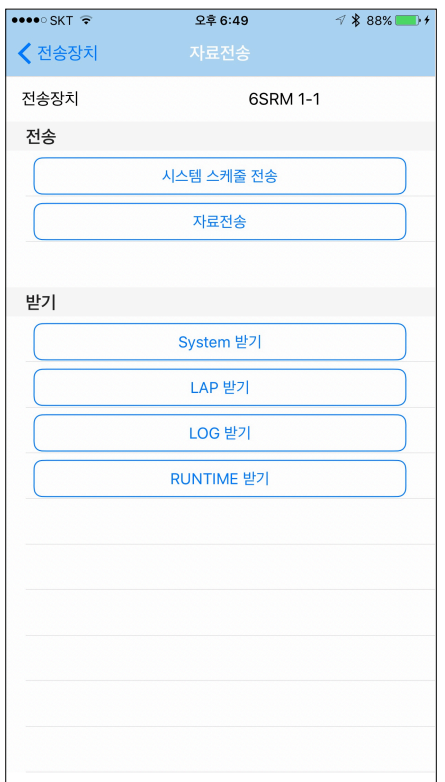
Able to see the setting value of each Lighting object at MY SCENE mode.



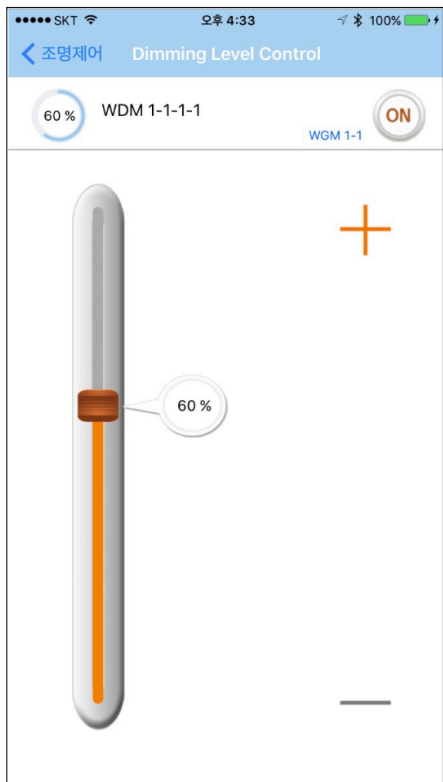
The control status of each lighting circuit for set group at MY PAGE.



It indicates the status of each LED DALI Module that connected to the DALI MASTER.



This is the Menu to create the Program and transfer the data to Lighting Control Device.



Select the Wireless Dimming Module to operate the Dimming Control in manually.