SDAC Quick Start Guide

Introduction

Thank you for purchasing the SDAC (Single Door Access Control). This access control unit supports only LUNA™ software. The LUNA™ comprehensive software is available from the dormakaba website at no additional cost.

Obtaining the LUNA™ Software

To obtain your free copy of the LUNA™ software, visit the dormakaba website: dormakaba.us/LUNAsoftware

Simply provide your company details and valid email address, and you will receive an email with a link to download the LUNA™ software. This software does not need to be registered at any time.

Additional Documentation

Additional documentation is available when you install the LUNA™ software. This documentation can be found in the same directory as the software.

Computer Specifications

All computer specifications for the LUNA™ software can be found in the Installation Guide (Document #KD10095-E). The Installation Guide can also be found in the same directory as the software.

Using the LUNA™ Software

Login

The LUNA™ software is programed with a generic password, which is KEYSCAN (in all caps as shown). Enter the password into the field and confirm by either pressing the Enter key on the keyboard or by selecting the Key icon. You can continue to use the generic password. However, we recommend changing the password immediately to ensure better security.

Change the Password

Follow these steps to change the login password:

1. From the main screen, select the triple-bar icon at the top-right of the screen.
2. From the menu screen, select Settings.
3. Under the User Options sub menu, insert the Current Password, New Password and Confirm Password into their respective fields.
4. Select the Change Password button to confirm the new password. This will now become the password you use to login to the LUNA™ software.

   Note: Ensure that every new password is either easy to remember or recorded somewhere for safe-keeping. There is no way for a user to reset the password on their own if they have lost or forgotten their current password. Contact dormakaba Canada Inc. to reset your LUNA™ software password (at an additional cost). You can also download the software again and start from scratch.

Connecting LUNA™ to SDAC

The following contains the steps you need to take to set up your unit to communicate with your LUNA™ software. Prior to the following steps, ensure the SDAC is powered via the TB6 terminal. Review the enclosed 11x17 Wiring Document (Document #KD10094).

Step 1: Connect to the Wireless Module Via WiFi Soft A/P

By connecting to the on-board wireless module, the SDAC can be configured to communicate with the LUNA™ software. Observe the following steps:

1. On the Windows task bar, locate the network information icon. Under Wireless Network Connection, locate "XpicoWiFi_" followed by the last 6 characters of the SDAC MAC Address (found on the unit). Select the network and press the Connect button.

2. The Network pop-up window will require a Security Key to continue. The Security Key is "XPICOWIFI" exactly as shown. Select the OK button to continue.

Step 2: Connect to the SDAC Wireless Network

Follow these steps to connect to the SDAC wireless network:

1. Open any internet browser on the computer and type in the IP address of the unit into the address bar. If doing this for the first time, the default IP Address is 192.168.0.1.

2. The web browser will prompt for a username and password in order to proceed. The User Name is "SDAC" and the password is the serial number of the access control unit (exactly as shown in all caps).

3. After successfully logging in, continue to the next step.

Step 3: Set Up Your AES Credential

Follow these steps to set up the AES credentials:

1. Click on the AES Credentials tab.

2. Click on the link to edit the LunaCredential AES credential. **WARNING:** Do NOT delete the AES Credential once created. Doing so may have adverse effects on the SDAC unit.

3. On the AES Credential Configuration screen, you will need to overwrite the existing Encrypt Key and Decrypt Key. These keys need to match the Encryption key in the LUNA™ software.

4. Open the LUNA™ application. Navigate to the Settings menu. Enter the required value in the Encryption Key field (64 characters) and then save. **Note:** Instead of entering your own, you can generate an encryption key by right-clicking the Encryption Key field and select "Generate".

5. Copy the key value. Then head back to the SDAC menu, paste this value into both the Encrypt Key and Decrypt Key fields.

6. Once you provided the Encrypt and Decrypt Key values, a Submit button will appear. Select the Submit button to save the encryption key values for the AES credential.

7. Prior to ACU configuration, the unit must first be reset for the settings to be applied before communicating with the LUNA™ software.

Step 4: Configure the IP & Network Settings

There are two ways to configure the SDAC to communicate with the LUNA™ software: Directly through point-to-point and indirectly through a wireless network or WLAN.

Note: It is recommended to change the IP of this unit to a valid IP if connecting to an existing network.

Point-to-Point Communication

Observe these steps for a point-to-point connection:

1. Open the LUNA™ Web Portal (from Step 2: Connect to the SDAC Wireless Network). Select the ap0, Interface and Configuration buttons so that each is highlighted green instead of blue.

2. In the IP Address field, the default IP Address can be changed to the preferred value.

3. Select the Submit button once changes are made.

Wireless Network Connection

Router Setup (Optional)

If using a router for wireless network communication between the LUNA™ software and multiple doors controlled by multiple SDACs, please observe the below steps before moving on to the Network Connection section. Please ensure the router is configured according to the manufacturer's specifications.

1. Open the LUNA™ Web Portal (from Step 2: Connect to the SDAC Wireless Network). Select WLAN Profiles from the left menu. In the empty field, create a net WLAN profile name. Once complete, select the Submit button.

   Note: The profile name does not have to match the network name.

2. From the same screen, select the newly created profile name. Input the Network Name from the router (exactly as shown) and select Enabled State.

3. From the drop-down menu, select the Security Suite that matches the same security type as the router. Select the Key Type from the drop-down menu, input the security Key/Passcode (if applicable) and select the Encryption (if applicable), all of which must match the router.

4. Contact your Network Administrator for assistance with the Advanced settings (if applicable), otherwise disregard this section.

5. Select the Submit button to complete router communication.

6. Repeat these steps for each SDAC unit you wish to communicate through the router.

Network Connection

Observe these steps for a wireless network connection:

1. Open the LUNA™ Web Portal (from Step 2: Connect to the SDAC Wireless Network). Select the wlan0, Interface and Configuration buttons so that each is highlighted green instead of blue.

2. This screen provides various Configuration fields that can be changed to suit your network setup. Contact your Network Administrator for assistance.

3. Select the Submit button once changes are made.

Step 5: Testing SDAC Communications

From the LUNA™ software main home screen, select the Status Widget **^** icon at the bottom of the screen. Hover the mouse cursor over one of the doors within a Panel Status window. The pop-up window will show panel information, such as Last Polled with date & time and Pending Packages. Check the Last Polled to see if it is the current date & time and that the time changes as it should. If this is correct, you are connected to this panel. Repeat for other panels to ensure that they are connected.

Step 6: Configure the Access Control Software

Once you have completed the previous steps, your unit is configured to communicate with the LUNA™ software. Proceed to the LUNA™ software to continue setting up your access control in the Hardware setup menu. You can also add People/Cards so that they can start gaining access to your door.

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Technical Support

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