DKS DOORKING®

Smart Gate Controller

Monitor and control your gate from anywhere.

User's Manual
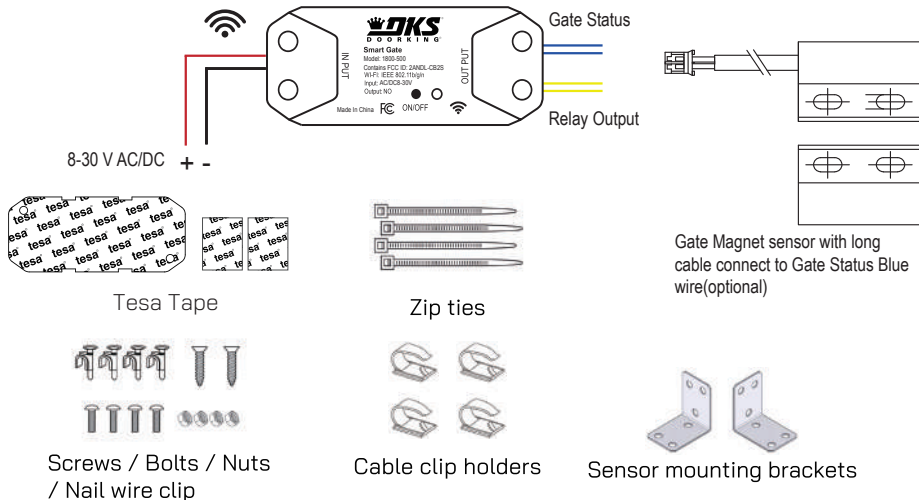
DKS DOORKING®

Smart Gate
Model: 1800-500
Contains FCC ID: 2ANDL-CB2S
WI-FI: IEEE 802.11b/g/n
Input: AC/DC8-30V
Output: NO

IN PUT

OUT PUT

Made In China FC ON/OFF
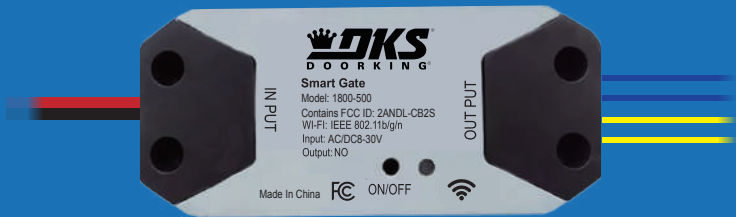
⚠ WARNING

TO PREVENT SERIUOS INJURY OR DEATH FROM YOUR MOVING GATE:

√ DO NOT let children use or play with the Smart Gate device or app.

√ ONLY operate your Smart Gate device when you are in clear view of your gate, and you have verified that there are no objects obstructing the operation of the gate.

√ ALWAYS wait for the gate to complete its cycle before leaving the area.

√ 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.

WHAT'S IN THE BOX

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Gate Status

Relay Output

8-30 V AC/DC + -

Tesa Tape

Zip ties

Gate Magnet sensor with long cable connect to Gate Status Blue wire(optional)

Screws / Bolts / Nuts / Nail wire clip

Cable clip holders

Sensor mounting brackets

Set up your DKS Smart Connect account

1. First, download DKS Smart Connect app for your iOS or Android device.

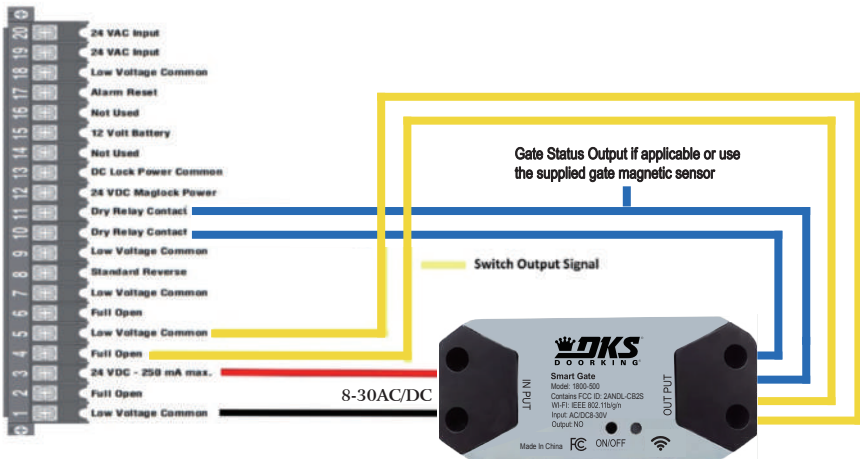● Make sure you have the latest version of DKS Smart Connect from the app store

2. Next, create your account.

● If you're new to DKS Smart Connect , tap **Sign up** to create account. Enter your email address, then tap **Get Verification Code**, enter the code you receive in your email to set up the password.

● If you already have DKS Smart Connect account used for other devices, tap **Log in with Existing Account**.

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Installation Overview

Please refer to gate operator manual for proper input/output connections
Relay contact set for N.C., relay output set to activate when gate is fully open

Terminal	Label
20	24 VAC Input
19	24 VAC Input
18	Low Voltage Common
17	Alarm Reset
16	Not Used
15	12 Volt Battery
14	Not Used
13	DC Lock Power Common
12	24 VDC Maglock Power
11	Dry Relay Contact
10	Dry Relay Contact
9	Low Voltage Common
8	Standard Reverse
7	Low Voltage Common
6	Full Open
5	Low Voltage Common
4	Full Open
3	24 VDC - 250 mA max.
2	Full Open
1	Low Voltage Common

Gate Status Output if applicable or use the supplied gate magnetic sensor

Switch Output Signal

8-30AC/DC

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Preparation before installation

1. Check your Wi-Fi ("Only supports 2.4 Ghz WiFi")

under Check the Wi-Fi signal at the gate, where the Smart Gate Controller will be mounted.


2. Power up your device

Find a convenient location and power the Smart Gate Controller by connecting it to an 8-30V power source (AC/DC).
The LED indicator will start blinking.

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Add Smart gate device to DKS Smart Connect app

*** Turn on smart phones bluetooth and Connect smartphone to your home WIFI network before the following steps. Have your SSID WiFi name ready, with WiFi password if asked.

1. Launch the app and tap the Plus (**+**) in the top right corner to add a Controller device.
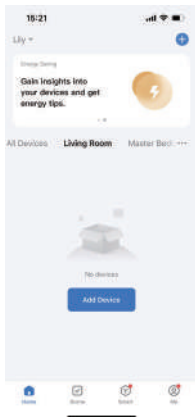
2. Press Smart Switch Button until LED flashes. Tap Go to add.

3. Enter your home Wi-Fi name and password, then tap **Confirm**.

4. Now your DoorKing Smart Gate is successfully added to DKS Smart Connect app. Tap **Done**.
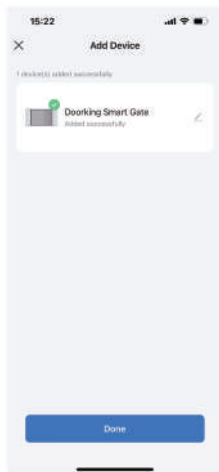
POWER OFF your existing gate operator

-Connect the two Yellow wires to the gate operator open input terminals

-Connect the Red wire to 8-30 VAC/VDC positive

-Connect the Black wire to common

-Connect the two Blue wires to the gate operator status output relay if applicable or the gate magnetic sensor.

DKS Smart Connect App

✓ **Main Screen:**

➤ Select your added device to control your gate or to edit:

➤ Main control screen.

Name you smart switch, along with other options.

Shows gate status if open or close (status relay or magnetic sensor must be connected)

Only Available when gate timer is on from the operator and enabled from app settings "Is your gate timer enabled."

If gate timer is off from operator, close will close it from previous "Open" command.
If gate timer is on, you will use "Close" to close from a previous "Hold Open" command.

If gate timer is off from operator "Open" will open select "Close" to close,
If gate timer is on from operator, timer from operator will auto close.

Setup: Open/Close Notifications, If gate timer is enabled, Gate run time, Voice control

View open/close history log with date and time.

Create auto open/close times by dates.

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Edit name and other options:

DoorKing Smart Gate

Edit name for gate with other options

➢ Select [✎] to make adjustement as described below.
  ● NOTE: These options are only available when logged as the primary user:
  ● Rename Device, Device Info, Share Device, Add to home screen, Check device network, Device Update
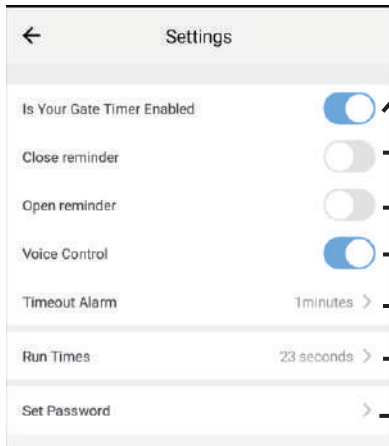
DoorKing Smart Gate

Device Information

Tap-to-Run and Automation

Third party Control

Alexa   Google Assistant

Device Offline Notification

Offline Notification

Others

Share Device

FAQ & Feedback

Add to Home Screen

Check Device Network   Check Now

Device Update   No updates available

Name or rename your smart switch,

View smart switch IP address, MAC address, WiFi signal strength,

Not Used

Link to your smart voice assistant devices

Enable notification to phone, if device stays offline for over 30 minutes,

Share device to others, by SMS text or e-mail,

Create a fast shortcut to desktop showing the name of the switch,

Check WiFi signal to switch (Cell phone must be connected to the same network as the switch), reading should be no higher than −70 dbm

➢ Device can be removed from here.

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🔔
Setting

➢ Select to make adjustments as described below

←	Settings	

Select your gate operating closing settings:
- If gate operator is set to time out and close- Move slider to the right enable (Yes)
- If gate operator timer to close is off – Move slider to – left disable (No)

Is Your Gate Timer Enabled 🔵

Close reminder ⚪

Open reminder ⚪

Enable/Disable notifications to cell phone,

Voice Control 🔵

Enable voice assistant devices (Alexa, Google)

Timeout Alarm   1minutes >

Not Used

Run Times   23 seconds >

Set gate open/close limit timing so if not reached after the set time, a warning message will pop up

Set Password   >

Set for Google Assistant if used.

➢ Select to view log history of Open/Close/Hold Open events with date and time.

23:55	‖ 🔋
‹ History	
Today	
23:54:59	Open
23:54:54	Close
23:54:38	Hold Open
23:54:25	Close
23:54:23	Open

✓ **Schedule:**

➢ Select Schedule to set an auto open / close time.

◀ Create a beginning time with days the gate should go open

◀ Create an end time with days the gate should go back to close

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Common Voice Commands (US)

Alexa,Google Home, Siri can't support control "Hold Open"

Alexa

- Alexa, open the DoorKing Smart Gate.
- Alexa, close the DoorKing Smart Gate.

amazon alexa

Google HOME

Google Home

- Hey Google, open the DoorKng Smart Gate.
- Hey Google, close the DoorKing Smart Gate.

Siri

- Hey Siri, open the DoorKing Smart Gate.
- Hey Siri, close the DoorKing Smart Gate.

Link DKS Smart Connect account to Alexa

Before link DKS Smart Connect to **Alexa**:

- Launch DKS Smart Connect app, tap "**DoorKing Smart Gate**".
- Tap the ring bell on the bottom left corner.
- Tap "**Set password**", enter a password then tap "**Confirm**".
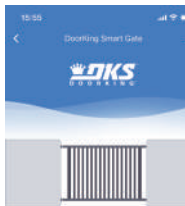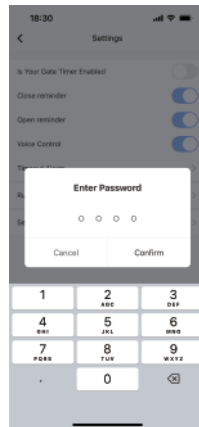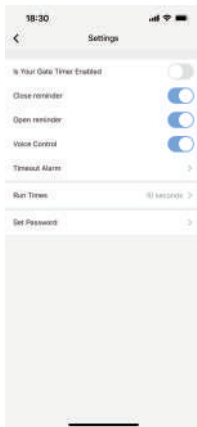
1. Launch Amazon Alexa app. Tap **More**, from the list of choices select **Skills & Games**. In search type **Smart Life**, select the skill than **Enable To Use** and "Agree and Link".

2. Enter the e-mail used when installing DKS Smart Connect, select **Next Step**. From the option of apps, select **DKS Smart**, then select **Link Devices for this App Account**. You will be prompted to enter the password you setup originally when installing DKS Smart Connect select **Next Step**, then select **Authorize**. Select **Close**, Alexa will start looking for devices to connect. This will take from seconds to minutes, once complete select close.

3. You will be asked to create a 4-digit code, enter the same 4 digit-code you created from DKS Smart Connect select **Next**. You will now need to enter your Amazon account password. Select **Next** to complete "open by voice setup". At this point will have the option to organize your device to a group, or select **Skip**, then **DONE**
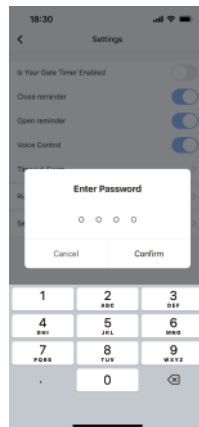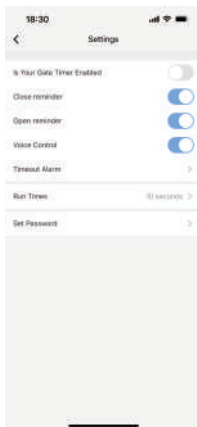
SETUP

Create a code to open your garage door by voice

You can use Alexa to open your garage door with your voice. To enable this feature, you will set a 4-digit voice code in the next screen. Anyone speaking to an Alexa-enabled device associated with your account will be able to open your garage door using this voice code.

Skip

Next

SETUP

Where is your garage door?

Add your device to a group so you can control devices together, and say things like, "Alexa, turn on the Living Room."

Your Groups

Bathroom

Bedroom

Garage

Living Room

Common Groups

Living room

Skip

**NOTE**: If Alexa responds that it cannot open multiple devices, delete one of the multiple devices.

Link DKS Smart Connect account to Google Home

Before link DKS Smart Connect to **Google Home**:

- Launch DKS Smart Connect app, tap "**DoorKing Smart Gate**".
- Tap the ring bell on the bottom left corner.
- Tap "**Set password**", enter a password then tap "**Confirm**".

1. Launch **Google Home** App. **Devices** -**Add Device** tap on **Works with Google**
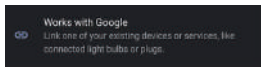
2. Type **Smart Life** to search than continue. Enter the email you set up or used from the Doorking Smart Connect app. A list of apps will be listed select **DKS Smart** then tap **Link devices for this App account**. After you will be prompt for the e-mail passwords select **Next Step** once entered.
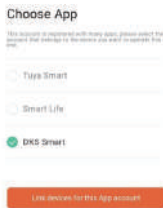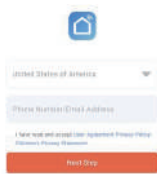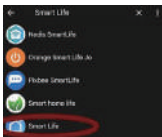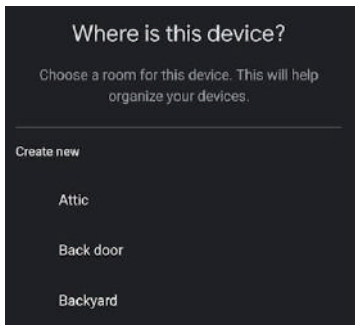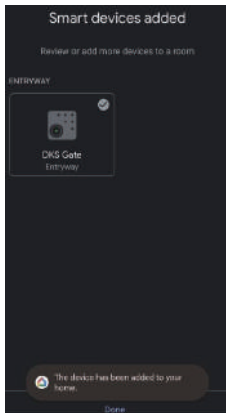
3.Tap on **Authorize**, to allow linking permissions. Select Doorking Smart Gate or the name you setup for the device, then select **Add to room**. You can then select any room from the list or add one, select **Next.** You are now finish, select **DONE,** close Google home.

By signing in, you are authorizing Google to control your devices.

Activate

You can revoke permission at any time.

Smart devices added

Review or add more devices to a room

ENTRYWAY

DKS Gate
Entryway

The device has been added to your home.

Done

Where is this device?

Choose a room for this device. This will help organize your devices.

Create new

Attic

Back door

Backyard

Set up Siri to control the Doorking Smart Gate
Siri can only be used when logged as primary user

1. Log in the "**DKS Smart Connect**"app, select "**Scene**" at the bottom.
2. Tap"**+**", Select "**Launch Tap To Run**",Select"**Add Task**", Select"**Run the device**".
3. Select"**DoorKing Smart Gate (Default device name)**", then select "**Action**", then select"**Open**" or "**close**",click "**Save**", clink "**Next**", and clink "**Save**" again (please note Siri can't support control "**Hold Open**")
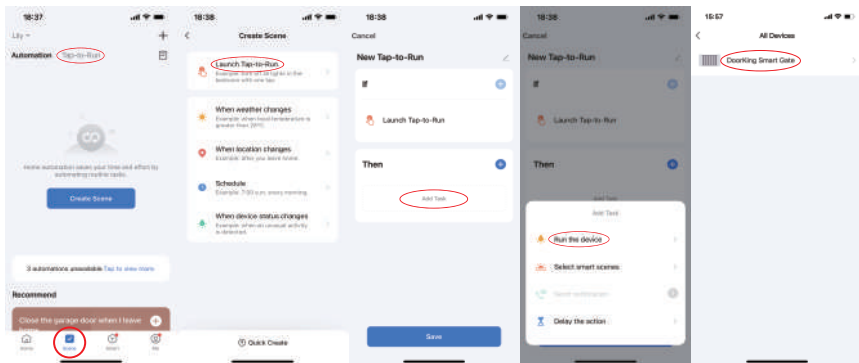
4.Back to the "**Scene**"page, tap the "**Add to Siri**" icon at the right bottom. Select the tab "**Dooking Smart Gate**" Action: Open or Close.

5.Select "**Done**". Now your can say "**the magic word**" control the Dooking Smart Gate.