Installation/Owner's Manual
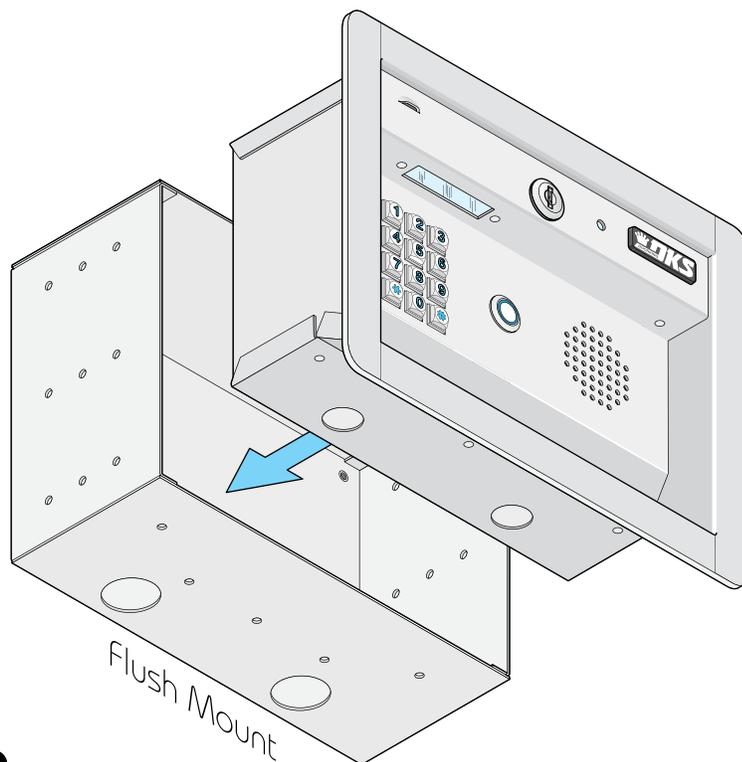
Model 2112

Internet/Cellular Programmable Video Telephone/Access Control System

Use this manual for circuit board 8863-010 Revision C or higher.

2112-065-K-3-22

Control a main door / gate and two other entry points

Surface Mount

Flush Mount

Download the smart phone App **(DKS 2112 Resident App)** at:

ANDROID APP ON Google play

Available on the iPhone App Store

Android-version 8 or higher OR **iphone 6-with IOS 9 or higher**

Date Installed: _____

Installer/Company Name: _____

Phone Number: _____

Circuit Board
Serial Number
and Revision Letter: _____

Leave Manual with Owner

Register and Program your Entry System at:
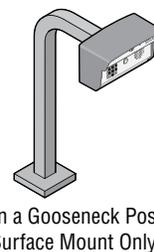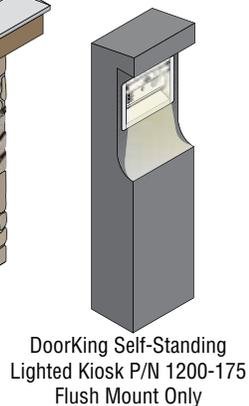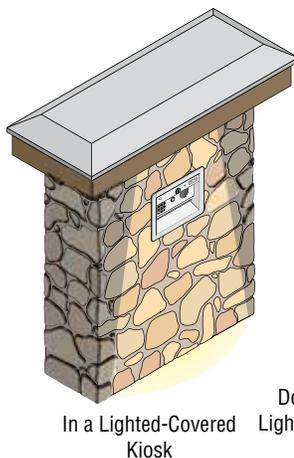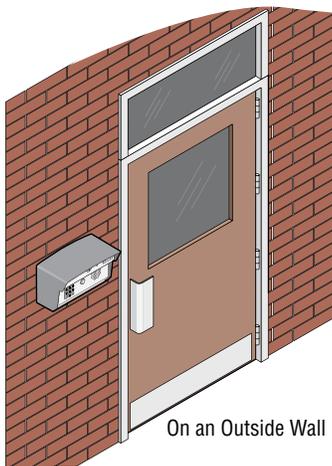**https:/dks2112.com**

DKS DOORKING®

FEATURES

2112 Video Entry System

- User provided internet connection standard
- Optional cellular connection available
- Programming via Internet Browser
- DKS 2112 Resident App
- All programming is shared in the cloud and system memory
- Updates show as they occur
- Cloud Based system
- Built-in IP Camera for Video Calling
- Broadcast Calling (up to four numbers simultaneously)
- Up to 10 residents with a maximum of four (4) phone numbers per resident
- Up to 25 entry codes, four (4) or five (5) digits
- Do Not Call schedule
- Hold Open schedule
- Entry Code schedule
- Microphone / Speaker volume control through browser manager
- Relay status: Open - Close - Held Open
- Relay (Entry Point) names, Three (3) type C relays, 1A max
- Independent relay strike times
- Events log
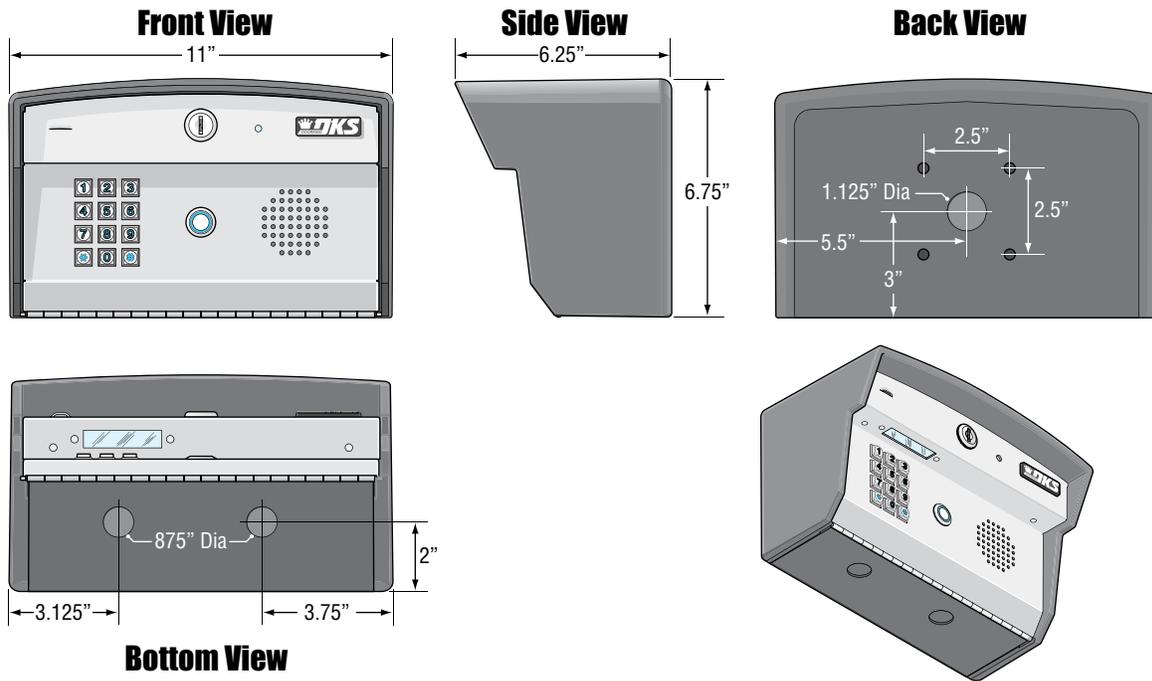- Relay (door/gate) control: Open - Close - Hold Open

Mounting Options

- Surface mount **cellular model** requires additional internal cellular module kit.
- Flush mount **cellular model** requires additional external cellular module kit.
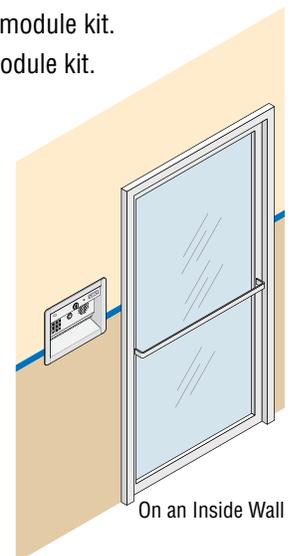
On an Outside Wall

In a Lighted-Covered Kiosk

DoorKing Self-Standing Lighted Kiosk P/N 1200-175 Flush Mount Only

On a Gooseneck Post Surface Mount Only

On an Inside Wall

SPECIFICATIONS

Surface Mount Dimensions

Front View
11"

Side View
6.25"
6.75"

Back View
2.5"
1.125" Dia
5.5"
2.5"
3"

875" Dia
2"
3.125"
3.75"

Bottom View

Flush Mount Dimensions

Side Views

Rough-In Box
7.5"
4.5"

Flush Box
7.25"
6.25"
4.25"

Front Views

Flush Box

9.25"

Flush Box

Bolt holes (4) to secure flush box inside rough-in box.

Rough-In Box
12"

10"
3.5"

Flush Box
.875" Dia
5"
2.5"

Bottom Views

Rough-In Box
10.25"
3.5"
1.25" Dia
5"
2.625"

Rough-In Box
Flush Box

TABLE OF CONTENTS

Important Notices

FCC – United States

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules and Regulations. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Registration Number: **DUF6VT-12874-OT-T**

DOC - Canada

The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational, and safety requirements. The Department does not guarantee the equipment will operate to the users satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable means of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure, for their own protection, that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

DOC Registration Number: **1736 4507 A**

Notice:

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the sum of the load numbers of all the devices does not exceed 100.

Notice:

DoorKing does not provide a power transformer on units sold into Canada. Use only transformers that are CSA listed to power the telephone entry system. The model 2112 requires a 16.5-volt, 20 VA transformer.

UL 294 Performance Levels

|	
Destructive Attack:	Level I
Line Security:	Level I
Endurance:	Level IV
Standby Power:	Level I
Single Point Locking Device:	Level I

General Information

- Prior to beginning the installation of the telephone entry system, we suggest that you become familiar with the instructions, illustrations, and wiring guidelines in this manual. This will help insure that you installation is performed in an efficient and professional manner.

- The proper installation of the telephone entry panel is an extremely important and integral part of the overall access control system. Check all local building ordinances and building codes prior to installing this system. Be sure your installation is in compliance with local codes.

- When used to control a door or pedestrian gate, try to locate the telephone entry system as near as possible to the entry point. The unit should be mounted on a rigid wall to prevent excessive shock and vibration from closing doors or gates. Continuous vibration and shock from slamming doors or spring-loaded pedestrian gates will damage the circuit board. **Under no circumstances should the unit be mounted directly to a moving door or gate.**

- **ADA mounting requirements for door control (Ref: ICC/ANSI A117.1-2009).** The requirements below apply **ONLY** when the telephone entry system is being used to control entry through **A PUBLIC DOOR ONLY**. If this system is used to control entry through a **vehicular gate** or **private entrance**, the dimensions noted below **do not apply**.

1. Unobstructed Forward Reach. Where a clear floor or ground space allows only a forward approach to an object and is **unobstructed**, mounting height shall be a minimum of **15 inches** (381 mm), and a maximum of **48 inches** (1.22 m), above the floor or ground to the operable controls.
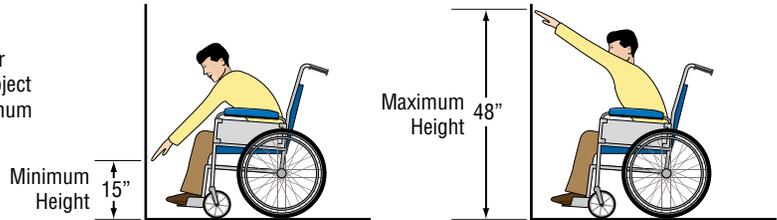
2. OBSTRUCTED HIGH Forward Reach. If the high forward reach is over an obstruction, reach and clearances shall be as shown. **NOTE: If the height of a control is 48" maximum, then the length of the obstruction must be 20" or less. If the height of a control is 44" maximum, then the length of the obstruction may be increased to 25" or less.**
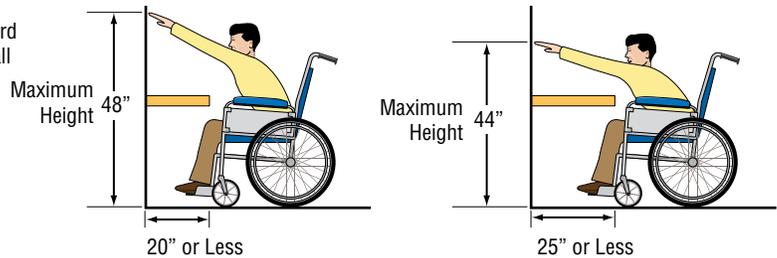
3. Unobstructed Side Reach. Where a clear floor or ground space allows a parallel approach to an object and the side reach is **unobstructed**, and the edge of the clear floor space is **10 inches** (255 mm) maximum from the object, mounting height shall be a minimum of **15 inches** (380 mm), and a maximum of **48 inches** (1.22 m), above the floor or ground to the operable controls.
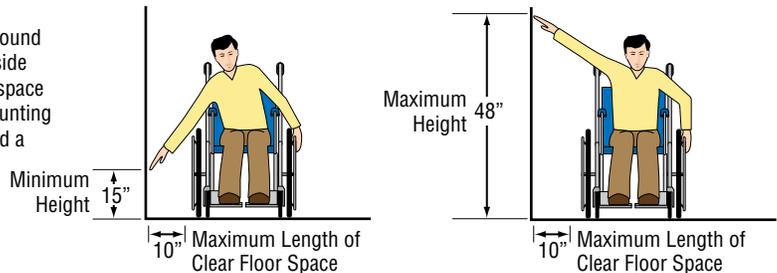
4. OBSTRUCTED HIGH Side Reach. If the side reach is over an obstruction **10 inches or less**, mounting height shall be a maximum of **48 inches** (1.21 m) above the floor or ground to the operable controls. If the side reach is over an obstruction **greater than 10 inches**, but **less than 24 inches**, mounting height shall be a maximum of **46 inches** (1.17 m) above the floor or ground to the operable controls.
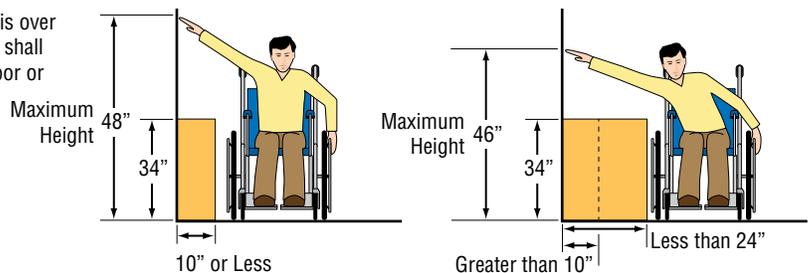
- When used to control a vehicular gate with an automatic gate operator, the telephone entry system must be mounted a minimum of six (6) feet away from the gate and gate operator, or in such a way that a person cannot operate the entry system and/or touch the gate or gate operator at the same time.

- Be sure that the system is installed so that it is not directly in the traffic lane. Goose neck mounting post and kiosks work well for these type systems. When planning where to locate the system, take into consideration traffic lane layouts, turn around lanes for rejected access, conduit runs, power availability, etc.

- Environmental factors must also be taken into account. Surface mount units are designed for direct outdoor installations, however it is preferable to protect them from direct exposure to driven rain or snow whenever possible. Flush mount units must be protected from direct exposure to the elements.

- This telephone entry system contains a number of static sensitive components that can be damaged or destroyed by static discharges during installation or use. Discharge any static prior to removing the circuit board from the lobby panel by touching a proper ground device.

- **Instruct the end user to read and follow these instructions. Instruct the end user to never let children play with or operate any access control device. This Owner's Manual is the property of the end user and must be left with them when installation is complete.**

SECTION 1 - INSTALLATION

Prior to beginning the installation, we suggest that you become familiar with the instructions, illustrations, and wiring guide-lines in this manual. This will help insure that your installation is performed in an efficient and professional manner. Installation of the 2112 involves the installation of the hardware and the wiring of these components. Be sure that all dirt, metal or wood debris is removed from inside after mounting it. Any debris inside could damage the control board and cause the 2112 system to malfunction during operation.
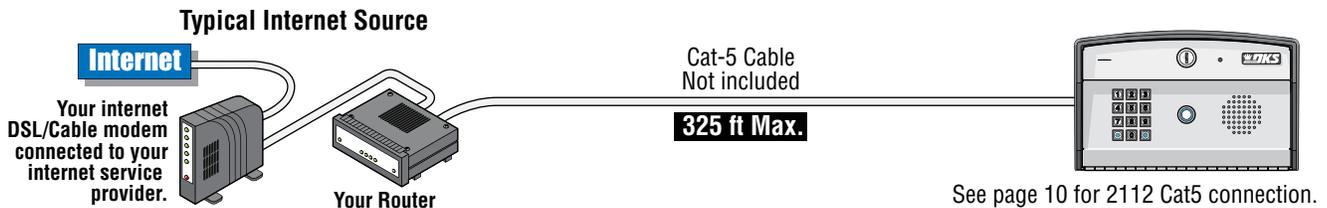
⚠️ **WARNING** When the 2112 is used to control a vehicular gate with an automatic gate operator, it must be mounted a minimum of six (6) feet away from the gate and gate operator, or in such a way that a person cannot operate the 2112 system and/or touch the gate or gate operator at the same time.

Included with the system is an extra random keyed cabinet lock. If desired, for added security against unauthorized entry into the system, the standard lock may be replaced with the random lock. Note: DoorKing cannot replace this specific lock or keys if lost.

1.1 Standard Internet Installation ONLY

A Cat5 wire will need to be run to the 2112 installation location that is **ALREADY** connected to the internet, then installation can begin.

Typical Internet Source

Internet

Your internet DSL/Cable modem connected to your internet service provider.

Your Router

Cat-5 Cable
Not included

325 ft Max.

See page 10 for 2112 Cat5 connection.

1.2 Optional Cellular Installation ONLY

An existing cellular phone will be needed to test the signal strength of DoorKing's cellular network in the desired installation location (a smart phone is preferred).

BEFORE the 2112 cellular module can be installed, the installation location **MUST BE TESTED** for good cellular signal strength for reliable communication.
TEST this location using an **existing active T-Mobile cellular phone ONLY.**

DO NOT install the cellular module in a WEAK or NO signal area.

T-Mobile Cellular Phone

Signal Strength

Activate the phone near the position where you want the cellular module to be installed. 3-4 bars of signal strength should be indicated on the phone for a reliable signal. If 3-4 bars are not achievable in that specific location, then try moving the phone around and see if at least 3-4 bars can be achieved and maintained in a nearby location.

If a smart phone is being used, try using the browser to connect to a website to verify good data transfer. Generally, the higher the cellular module is mounted, the better the reception. This also helps protect against vandalism. The cellular module should be located as close as possible to minimize the wire run. This allows less chance for lightning surges or other electrical interference to disrupt the cellular signal. Keep the cellular module away from any metal. This can also disrupt the signal. After the 3-4 bar signal strength has been confirmed (and the smart phone has good browser data transfer if used for signal testing), the installation can begin.

Surface Mount: Cellular module works **inside** plastic enclosure. The cellular module can be mounted outside the enclosure if desired because signal strength is a problem. Avoid **any** metal around module. **DO NOT** expose module to weather.

Cellular Module
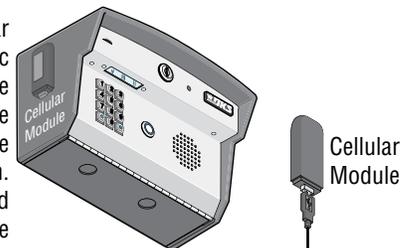
Cellular Module

Flush Mount: Cellular module needs to be mounted **outside** metal enclosure in a **protected secure** area as high as possible for best reception. Avoid **any** metal around module. **DO NOT** expose module to weather. See pages 7 & 8.
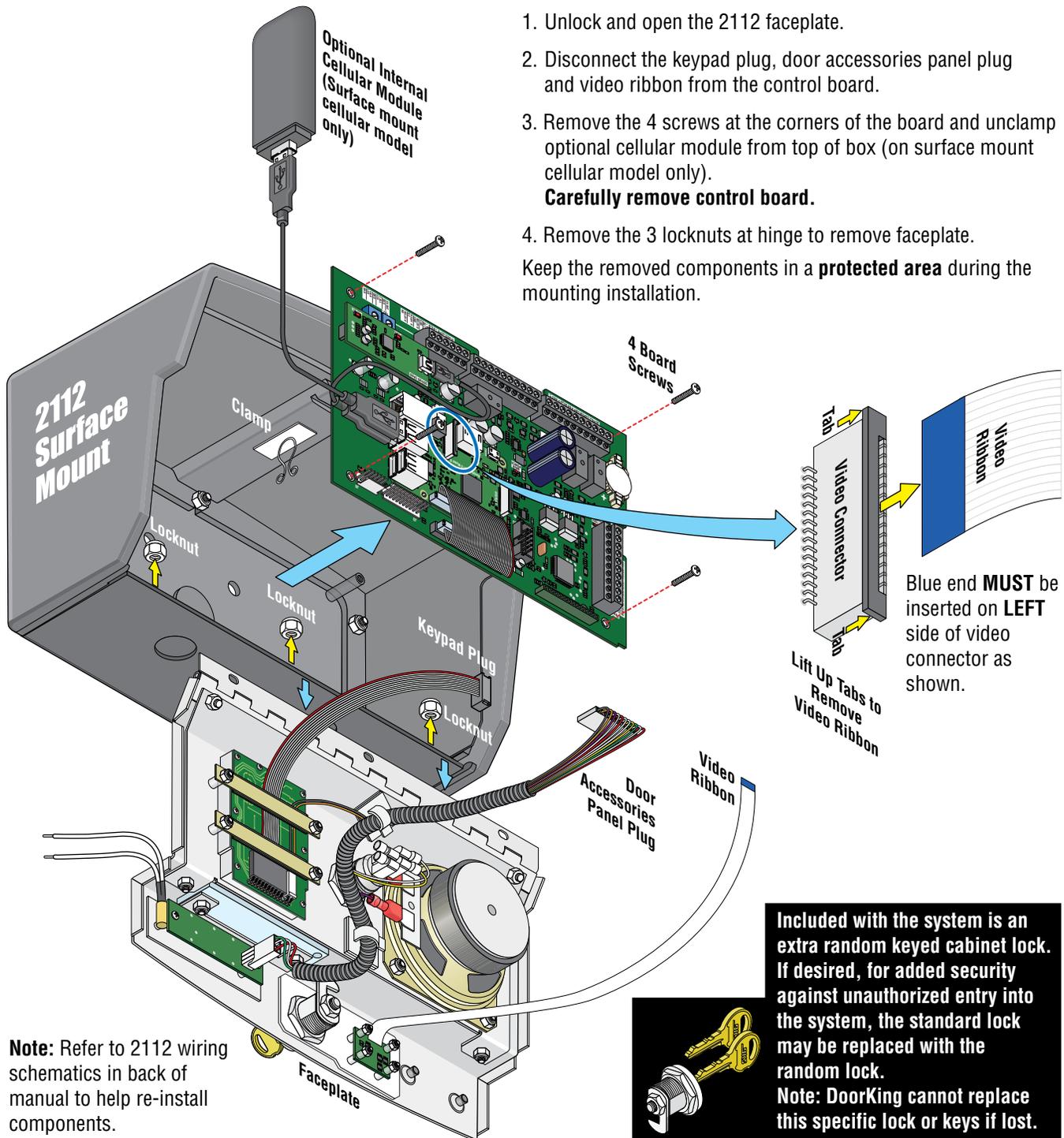
1.3 Mount the 2112

Use the specification dimensions page in front of manual and the next 2 pages to help with the installation of your chosen 2112 model.

Remove Control Board and Faceplate

The control board removal is the same for flush mount model.

CAUTION The control board contains static sensitive components. Discharge any static electricity from your hands by touching a proper ground device **before** removing the control board.

1. Unlock and open the 2112 faceplate.

2. Disconnect the keypad plug, door accessories panel plug and video ribbon from the control board.

3. Remove the 4 screws at the corners of the board and unclamp optional cellular module from top of box (on surface mount cellular model only).
   Carefully remove control board.

4. Remove the 3 locknuts at hinge to remove faceplate.

Keep the removed components in a **protected area** during the mounting installation.

Optional Internal Cellular Module (Surface mount cellular model only)

2112 Surface Mount

Clamp

Locknut

Locknut

Locknut

Keypad Plug

4 Board Screws

Tab

Video Connector

Tab

Lift Up Tabs to Remove Video Ribbon

Video Ribbon

Blue end **MUST** be inserted on **LEFT** side of video connector as shown.

Door Accessories Panel Plug

Video Ribbon

Faceplate

Note: Refer to 2112 wiring schematics in back of manual to help re-install components.

Included with the system is an extra random keyed cabinet lock. If desired, for added security against unauthorized entry into the system, the standard lock may be replaced with the random lock.
Note: DoorKing cannot replace this specific lock or keys if lost.

2112 Surface Mount Configurations

Surface mount model can be mounted directly to a wall, pilaster or post mounted using a DoorKing mounting post (there are several different styles available). Be sure it is securely mounted and is not subject to continuous vibration from closing doors or gates.

Mount on a Mounting Post

Use existing 4 holes in cabinet box to bolt the surface mount model on a DoorKing mounting post. Use the hardware that is supplied with the mounting post.

Note: A gooseneck mounting post anchored in concrete does **NOT** make a good ground.
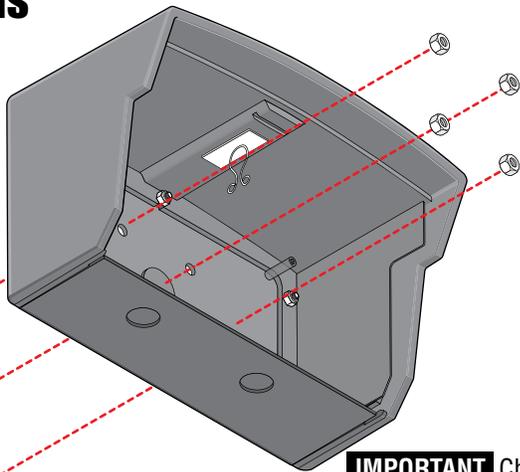
Add washers on bottom to angle the unit upward (see Tip).

IMPORTANT Choose how your 2112 will function (**Internet** or **Cellular** connection, see sections 1.1 and 1.2).

TIP: The mounting height of the 2112 will determine the field-of-view of the video lens. High profile vehicles may present a problem when viewing the person inside the vehicle if the video lens is mounted too low. the unit can be mounted at an upward angle to better view a person in a high profile vehicle. Keep this in mind when you are determining the mounting height of the unit.

Mount Directly to a Wall or Pilaster

Use the 4 existing holes in the cabinet box. Run conduit inside or outside of wall or pilaster if desired. Use appropriate hardware to mount the cabinet (Not supplied).

Be sure that the mounting hardware does not protrude into the cabinet where it could cause a short.

Plastic screw anchors for masonry if required. (Not supplied)
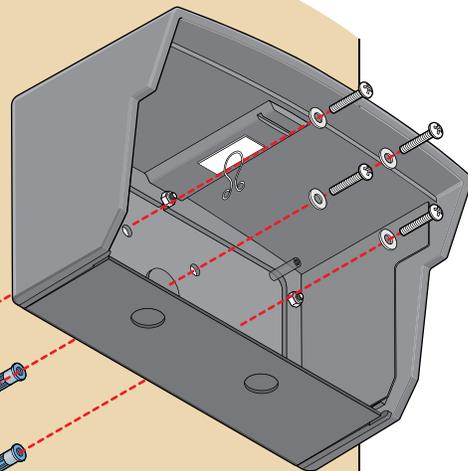
Conduit
(Shown inside wall)

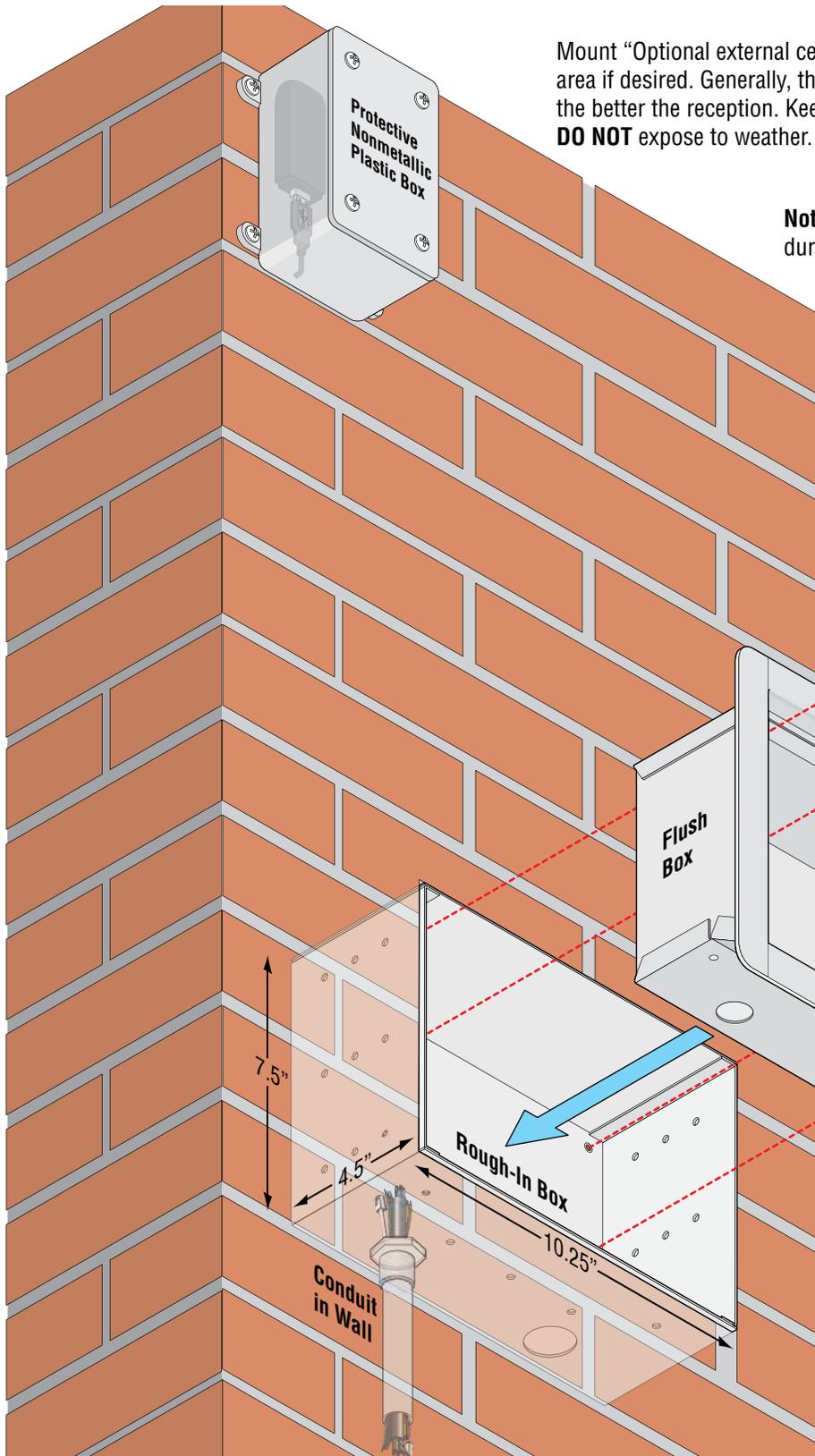**Note:** Run **ALL** wires that will be needed during the cabinet installation, see section 2.

WARNING! If this entry system is used to control a vehicular gate with an automatic gate operator, the entry system must be mounted a minimum of six (6) feet away from the gate and gate operator, or in such a way that a person cannot operate the entry system and touch the gate or gate operator at the same time.

2112 Flush Mount

Flush mount unit is installed into a pilaster, wall or kiosk and can be mounted outside, exposed to the weather. It is preferred that they have limited direct exposure to the weather. We suggest that when they are mounted outdoors, it is in a covered protected area. Be sure the unit is mounted securely and is not subject to vibration from closing doors or gates. Run conduit inside wall into bottom of rough-in box if desired. Use appropriate hardware (Not supplied) to secure the rough-in box in place.

Mount "Optional external cellular module kit" in a **secure protected** area if desired. Generally, the higher the cellular module is mounted, the better the reception. Keep clear of metal.
DO NOT expose to weather.

Note: Run **ALL** wires that will be needed during the cabinet installation, see section 2.
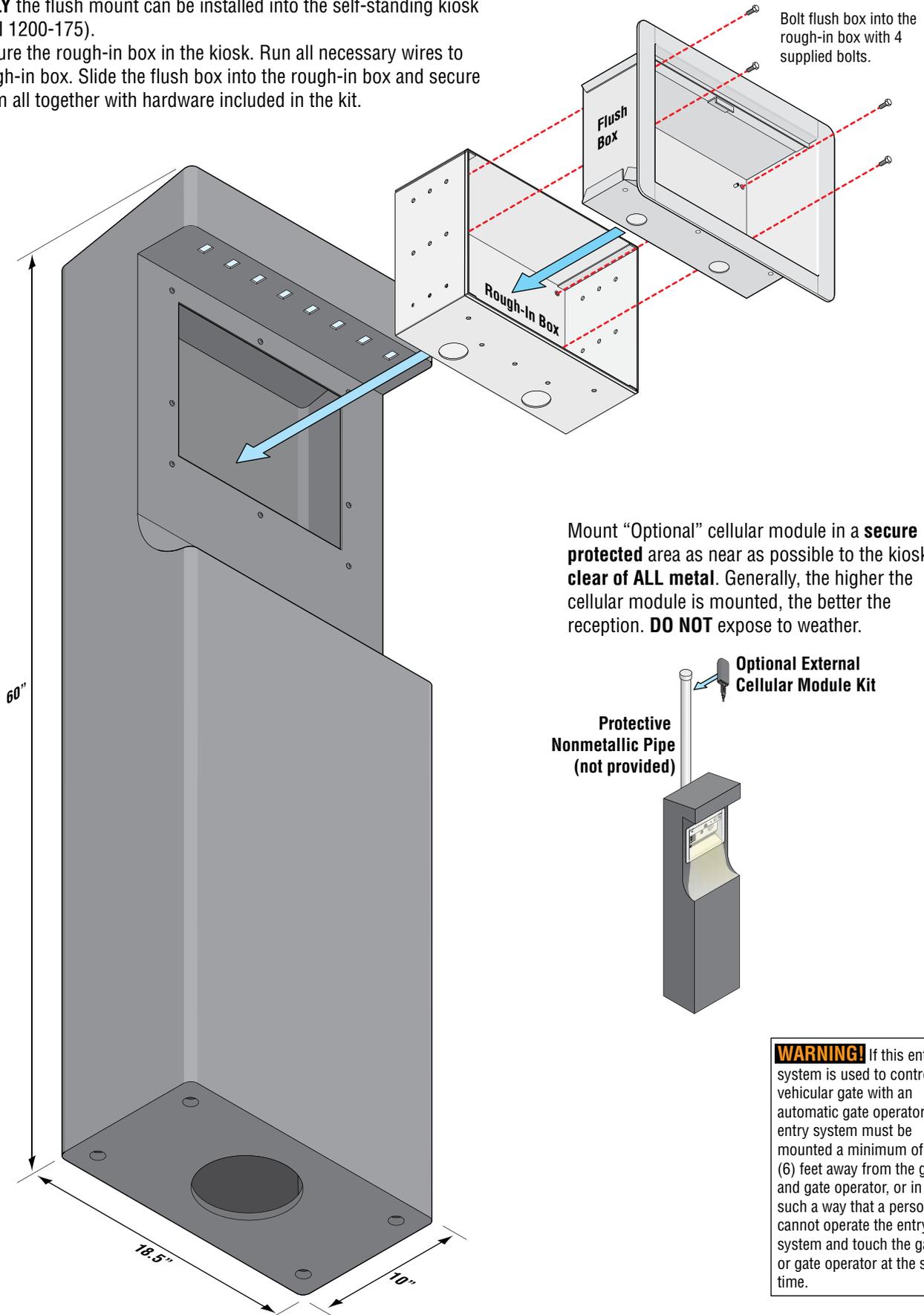
Protective Nonmetallic Plastic Box

WARNING! If this entry system is used to control a vehicular gate with an automatic gate operator, the entry system must be mounted a minimum of six (6) feet away from the gate and gate operator, or in such a way that a person cannot operate the entry system and touch the gate or gate operator at the same time.

Bolt flush box into the rough-in box with 4 supplied bolts.

Flush Box

Rough-In Box

7.5"

4.5"

10.25"

Conduit in Wall

IMPORTANT Choose how your 2112 will function (**Internet** or **Cellular** connection, see sections 1.1 and 1.2).

2112 Flush Mount in a DoorKing Self-Standing Lighted Kiosk

ONLY the flush mount can be installed into the self-standing kiosk (P/N 1200-175).

Secure the rough-in box in the kiosk. Run all necessary wires to rough-in box. Slide the flush box into the rough-in box and secure them all together with hardware included in the kit.
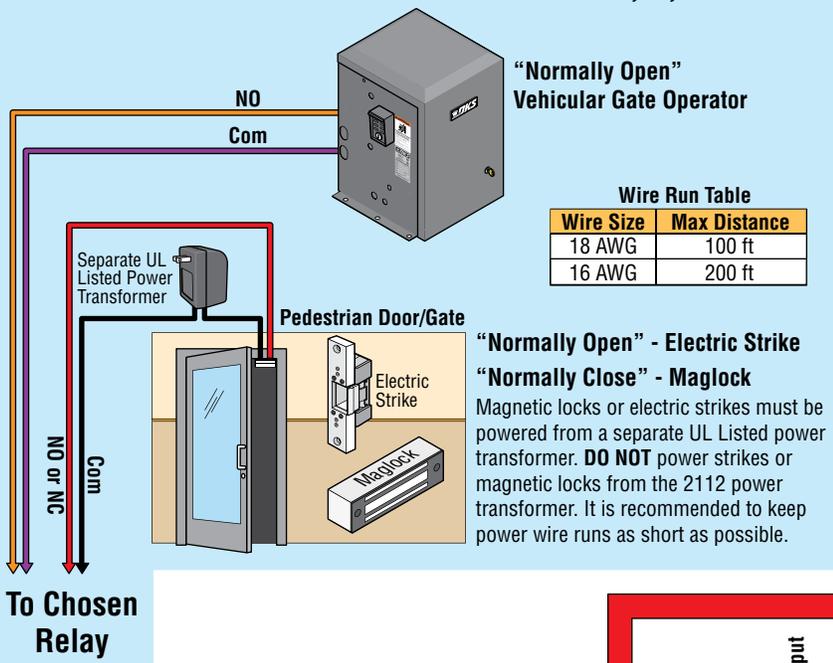
Bolt flush box into the rough-in box with 4 supplied bolts.

Flush Box

Rough-In Box

60"

18.5"

10"

Mount "Optional" cellular module in a **secure protected** area as near as possible to the kiosk **clear of ALL metal**. Generally, the higher the cellular module is mounted, the better the reception. **DO NOT** expose to weather.

Optional External Cellular Module Kit

Protective Nonmetallic Pipe (not provided)

WARNING! If this entry system is used to control a vehicular gate with an automatic gate operator, the entry system must be mounted a minimum of six (6) feet away from the gate and gate operator, or in such a way that a person cannot operate the entry system and touch the gate or gate operator at the same time.

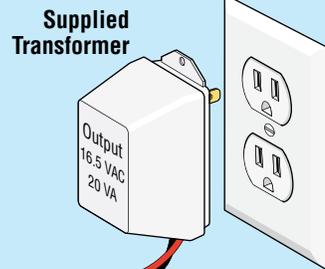## 2.1 Terminals TB1, TB2, TB3, TB4

Access Control Devices to RELAYs 1, 2, 3

NO

Com

"Normally Open" Vehicular Gate Operator

Separate UL Listed Power Transformer

Pedestrian Door/Gate

Electric Strike

Maglock

Wire Run Table

Wire Size	Max Distance
18 AWG	100 ft
16 AWG	200 ft

"Normally Open" - Electric Strike
"Normally Close" - Maglock

Magnetic locks or electric strikes must be powered from a separate UL Listed power transformer. **DO NOT** power strikes or magnetic locks from the 2112 power transformer. It is recommended to keep power wire runs as short as possible.

NO or NC

Com

To Chosen Relay

16 VAC IN Power Input
Polarity does not matter.

Supplied Transformer

Output 16.5 VAC 20 VA

Do Not Connect To A Receptacle Controlled By A ON/OFF Switch.

Wire Run Table

Wire Size	Max Distance
18 AWG	100 ft
16 AWG	200 ft

The 2112 operates **ONLY** on 16.5 VAC. **DO NOT power the 2112 with 24 Volt transformer or source voltage.** Use the supplied power transformer, 16.5 VAC, 20 VA (or UL listed equivalent) to power the 2112. **DO NOT** power any other devices (electric strikes, magnetic locks etc.) from the 2112's power transformer.

Low Voltage Surge Suppressor
DoorKing Surge Suppressor P/N 1878-010 (or equivalent) is optional but **highly recommended** to protect against power surges. See next page.

"BAT +" 12 VDC Back-Up Battery Input
Back-up battery power for the 2112.
DoorKing P/N 1801-008

Relay 3 Jumper

J1 jumper needs to be set for **RELAY 3** when used.
1&2 = NO
3&4 = NC

Be sure to properly ground board. See next page for acceptable grounding sources.

Ground 12 AWG Min.

TB3 Terminal Descriptions

TB2 terminal descriptions NOT USED

RELAY 1

RELAY 2

RELAY 3

TB2 NOT USED

TB3

TB1

TB4 NOT USED

2.2 Internet-Standard OR Cellular-Optional Connection

Optional External Cellular Module Kits mounts outside the 2112 system in a Separate Enclosure:
P/N: 2112-152 - **T-Mobile** External Cellular Kit

Cellular Module

Cat5 Cable

USB

Optional Internal Cellular Module Kits mounts inside the 2112 system:
P/N: 2112-150 - **T-Mobile** Internal Cellular Kit

OR

To Your Router connected to the Internet

Cat5 Cable 325 ft Max.

USB Cable As short as possible

Video Note: Video is **ONLY** available for devices that have the **DKS Resident App** installed on them.

Built-In Video

Connection Note: The 2112's **Standard (Default) Connection** is to the internet with a Cat5 cable.
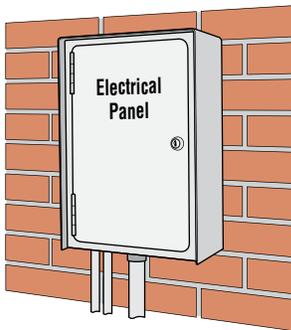The cellular module connection is **OPTIONAL**.

The 2112 **MUST** be registered **BEFORE** it will function, see section 3 on next page.

Cat5 Internet

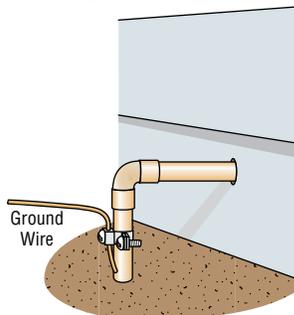**USB**

USB

Sound Card
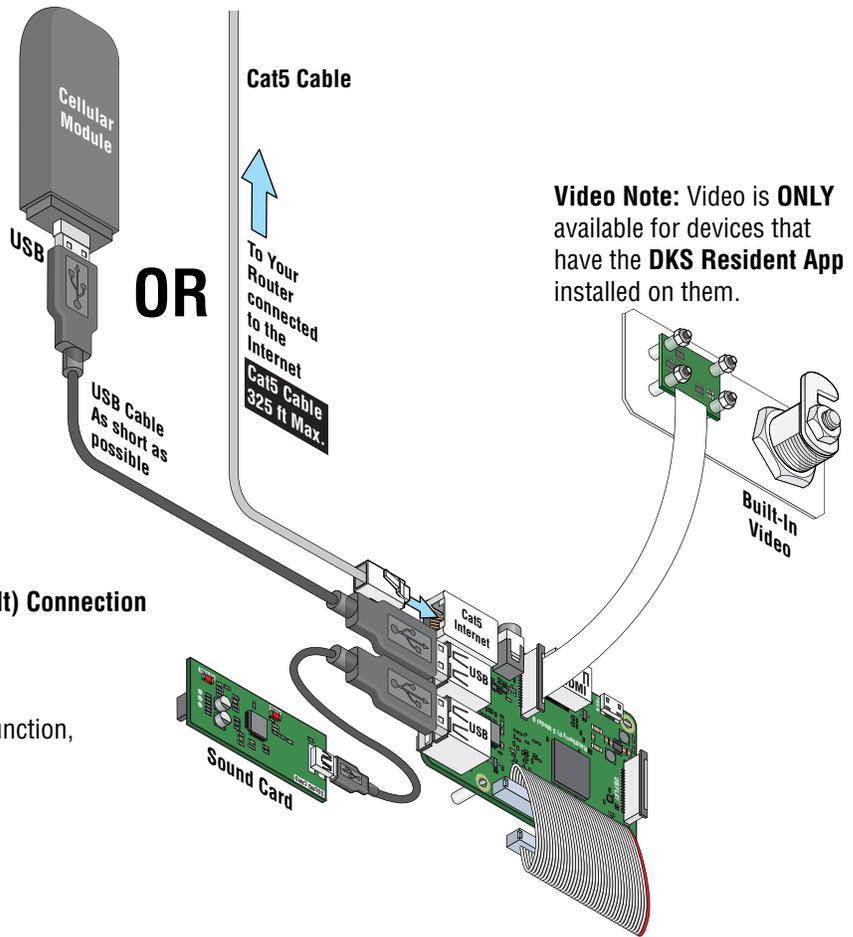
2.3 Grounding and Surge Suppression

Proper Grounding and the use of surge suppressors can significantly reduce the chance of component failure because of static charges or surges. To be effective, ground connections should be made with a minimum 12 AWG wire to a ground point within 10 feet of the device being protected. The ground point can be at an electrical panel, a metallic cold water pipe that runs in the earth or a grounding rod driven at least 10 feet into the soil. **A gooseneck mounting post anchored in concrete does NOT make a good ground.**
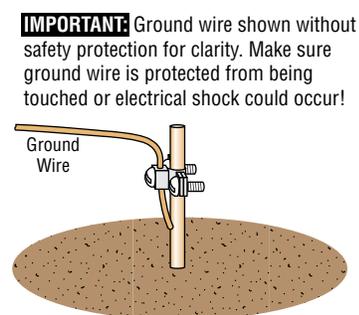
Some Acceptable Ground Sources

Electrical Panel

IMPORTANT: Ground wire shown without safety protection for clarity. Make sure ground wire is protected from being touched or electrical shock could occur!

Ground Wire

Ground Wire

Ground to existing electrical system.

Ground to metallic cold water pipe.

Grounding rod 10 feet in soil.

Low Voltage Surge Suppressor

It is highly recommended that a low voltage surge suppressor (DoorKing P/N 1878-010) be installed to help protect the telephone entry system from power surges. Surge suppressor must be positioned 3 ft or less from the ground source, 12 AWG min.

Surge suppressor within 10 ft of 2112.

1878-010   POWER LINE

Transformer

Surge suppressor within 3 ft of ground source.
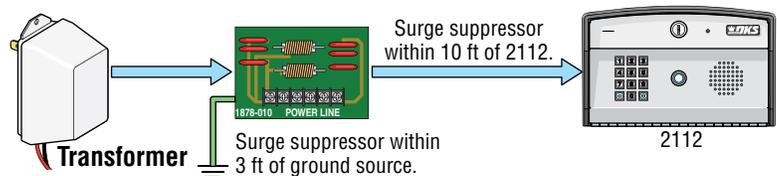
2112

SECTION 3 - REGISTERING/PROGRAMMING/VOLUME ADJUST

After installation is **complete**, register your 2112 first, then program it and adjust volume if necessary.

3.1 Register 2112

After the 2112 is connected to the internet (Cat5 connection or cellular module),

Go to DoorKing's website: **https://dks2112.com** to **Register** and create a **User Account** for your 2112.
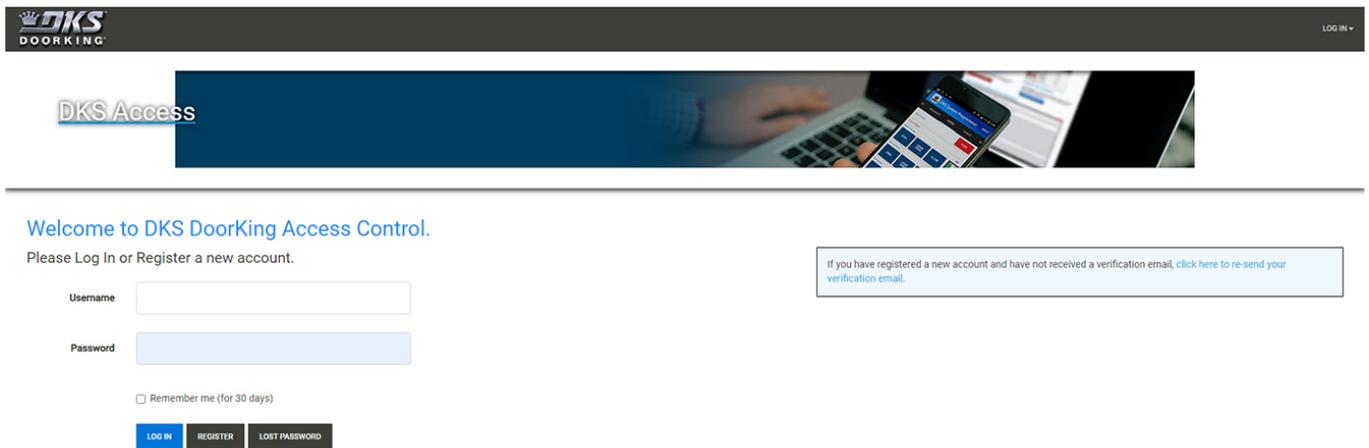
A **verification** email will be sent to verify your registration. Once you have received the verification email, you can start setting up your 2112 system.
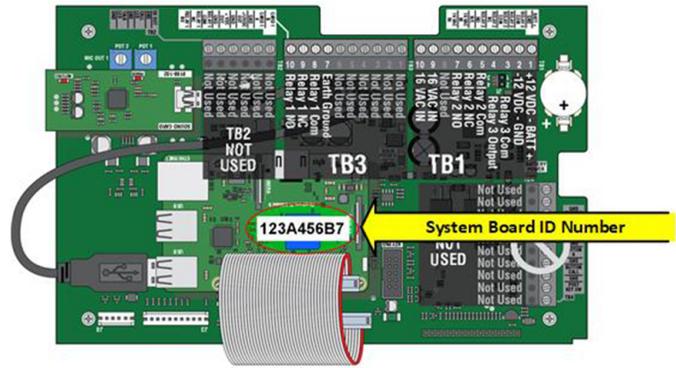

Click **Manage Systems**

Add an Entry System

Please enter the **9 alphanumeric characters** System Board ID of the system you wish to add.

◄ CANCEL   ADD A SYSTEM ►

Enter the System Board ID Number (found on the small piggyback board) then click **ADD A SYSTEM**.

123A456B7   System Board ID Number

entry system 00115 has been added. ×

System ID 00115

Entry System Connectivity.

System ID: 00115
Connection: Ethernet
Activate Cellular Connection.   ☑
Next Step: Activate Outgoing Phone Calls.

NEXT ►►►

Your 2112 will be displayed with an Ethernet connection. Click **Next.**
► **Note:** If cellular service was (is) purchased, this will be added after the system activation is complete.

Cellular Activation status is: Success (Valid) Operation completed successfully. ×

System ID 00115

Outgoing Phone Calls.

System ID: 00115
Phone status: Inactive
Activate Outgoing Phone Calls. ☑
Next Step: Name this system.

NEXT ►►►

Click **Next** for system setup.

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Enter a system name. Set your directory code length, entry code length and your time zone. Name the individual entry points (Door) and set the relay strike time. Click **Submit**.

Adding Residents:

Click **Edit** under Residents.

Click **Add a Resident.**

Add the residents name and click **ADD THIS RESIDENT.**

System ID 00115

◄ GO BACK

Resident: Barry Richardson

System: Yocto Firm 63

Resident Name: Barry Richardson
Dir Code: 000
Entry Code: 1234
Entry Code Action: Admit
Display: ☑

MANAGE PHONES [714 875 5145]
SCHEDULE DO-NOT-CALL...
SCHEDULE RESTRICTIONS...

Dial 9 to open:
☑ Gate
☑ Door
☑ Pool

Entry Code Applies to:
Enter # first before the entry code
☑ Gate
☐ Door
☐ Pool

SAVE CANCEL

Enter a resident name, directory code number, entry code number and select the entry code action (admit, hold open or close). Select which relay (Gate, Door or Pool in this example) you want to open when 9 is pressed on the resident telephone. Also select which relay (Gate, Door or Pool) you want to open when the entry code is entered on the keypad. Now click **ADD PHONE NUMBER**.

Phones: System 00115

resident has been updated ×

Edit in Place: Hover a Phone Number, Name, Call Type or Enabled entry to change it.
Go Back
Add a Phone

System: Yocto Firm 63

Dir Code: 000

Resident: Barry Richardson

Show 10 entries

Search:

Phone Number	Name	Call Type	Enabled	Remove	App Code
		No data available in table			

Showing 0 to 0 of 0 entries

PREVIOUS NEXT

Click **Add a Phone**.

Add a Phone: System 00115

System: Yocto Firm 63

Dir Code: 000

Resident: Barry Richardson

Add a Phone Number.
Phone Number: 714

ADD PHONE CANCEL

Enter the phone number and click **Add Phone**.

When you place your mouse pointer in the respective field (Phone Number, Name, Call Type, Enabled), be sure to click Save. The call type and enabled fields are a drop down menu to choose from.

Click **Add a Phone** if you want to add another phone number under this directory code (000 in the example).

►You can add up to four (4) phone numbers under each directory code.
►Each number can be set for either voice or video calling.
►Video call is only available for devices with the DKS 2112 Resident App installed.
►These numbers will be called in **Broadcast Calling** (all numbers called at the same time).
►The first number to answer the call will be connected, others will drop.

Billing Info:
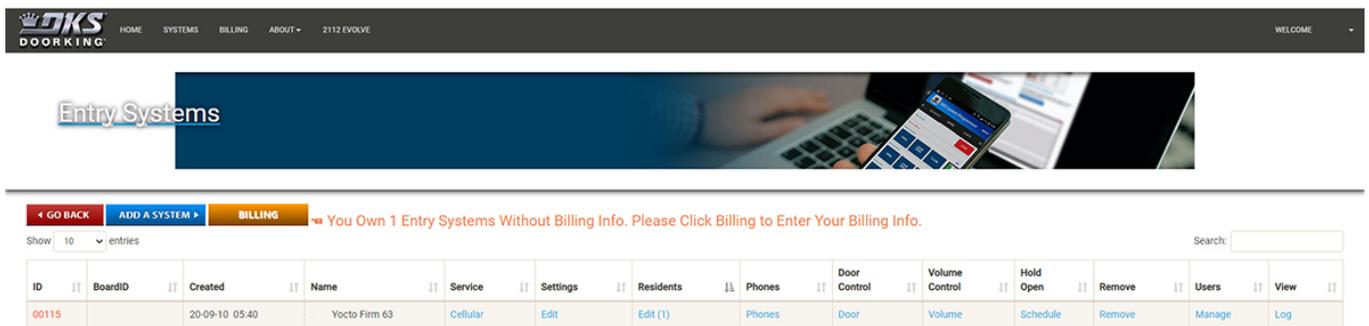
After you have registered the 2112 and added residents, the system is operational. Billing will begin after 30-days. If you have not entered your billing information, the 2112 service will be suspended until the billing information is entered.

3.2 Smart Phone App

The 2112 is programmed directly from your internet browser via a laptop, tablet or smartphone.
The DKS 2112 Resident App is required for video calling.

Download the App for a Android phone at **Google Play Store**.
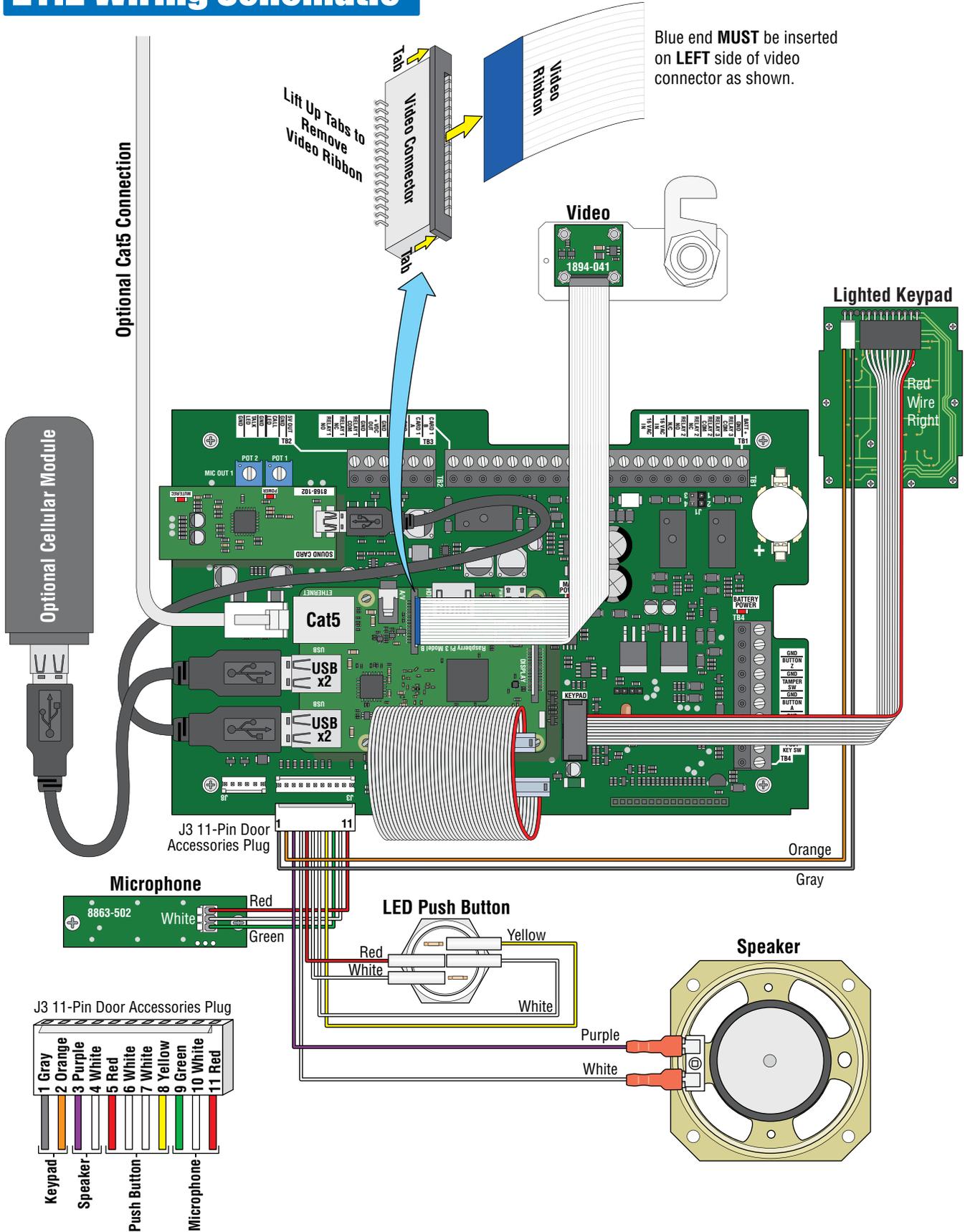Download the App for a iphone at **APP Store**.

3.3 Volume Adjustment

Final adjustment after the 2112 has been Registered
Volume is adjusted online using the internet browser. Adjust as desired.
If the phone line is not active, something went wrong during the registration which must be corrected. If still having problems, call DoorKing tech support.

2112 Wiring Schematic

Blue end **MUST** be inserted on **LEFT** side of video connector as shown.

Lift Up Tabs to Remove Video Ribbon

Tab

Video Connector

Tab

Video Ribbon

Optional Cat5 Connection

Video

1894-041

Lighted Keypad

Red Wire Right

Optional Cellular Module

Cat5

USB x2

USB x2

Microphone

8863-502

Red
White
Green

J3 11-Pin Door Accessories Plug

1   11

Orange

Gray

LED Push Button

Yellow

Red
White

White

Speaker

Purple

White

J3 11-Pin Door Accessories Plug

1 Gray	2 Orange	3 Purple	4 White	5 Red	6 White	7 White	8 Yellow	9 Green	10 White	11 Red

Keypad — Speaker — Push Button — Microphone

Installation/Owner's Manual

Model 2112

Internet/Cellular Programmable Video Telephone/Access Control System

Use this manual for circuit board 8863-010 Revision C or higher.

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Control a main door / gate and two other entry points

Download the smart phone App **(DKS 2112 Resident App)** at:

Android-version 8 or higher OR **iphone 6-with IOS 9 or higher**

Register and Program your Entry System at:
https:/dks2112.com

www.doorking.com