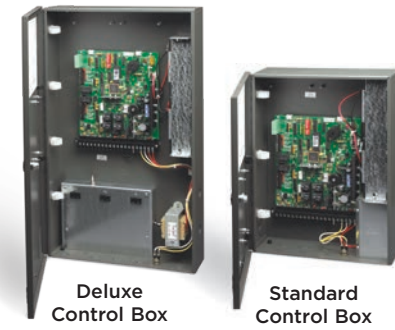


CONTROL BOXES & SOLAR

115 Volt AC Power Control Boxes

DETAILS:

- Converts 115 VAC to 24 VDC operating voltage
- Built-in battery charger
- Magnetic lock power circuit
- Includes two (2) 3.5 Ah back-up batteries (100 cycles*), 8040 receiver and the 8080-057 photo-eye



Deluxe Control Box

Standard Control Box

Solar Powered Control Boxes and Panels

Choosing the solar power option should be dependent on geographical location, number of cycles per day expected and accessories to be used. Solar panels must be located in an area clear of obstructions and shading to allow maximum sunlight to reach the panel. Snow, heavy fog and rain will affect solar panel performance. Solar operation is not recommended in areas where temperatures routinely fall below freezing (32°F or 0°C). Solar panels should be cleaned on a regular basis to ensure optimal performance.



Solar Control Box

24 VDC SOLAR POWERED CONTROL BOXES DETAILS:

- Ideal for remote locations where 115 VAC power is not available
- 0.0 Amp SBPD circuit (Pat Pend) assures battery power is not used during idle times
- Solar panel recharges battery power
- 18 Ah and 35 Ah battery options - or supply your own batteries



SOLAR POWER DETAILS:

- 18 Ah batteries (600 cycles*) are typically used to power a single operator.
- 35 Ah batteries (1200 cycles*) are used for bi-parting (dual) gate operation.
- Use the 10 Watt solar panel with 18 Ah batteries
- Use the 20 watt solar panel with 35 Ah batteries
- Using a larger solar panel than recommended will result in battery damage

*Maximum cycles on battery operation: Cycles shown are for a single operator, for dual operators, reduce this number by half. Actual number of cycles will vary depending on usage, accessories connected, gate weight, operating condition of the gate, temperature and charge state of the batteries.



18 Amp/hr Single Gate Batteries



35 Amp/hr Dual Gate Batteries

System includes:

Photo-reflective entrapment protection device with a 40 ft. scan distance. Model 8040 receiver can be used with MicroPlus or MicroClik transmitters and has a solar power mode.

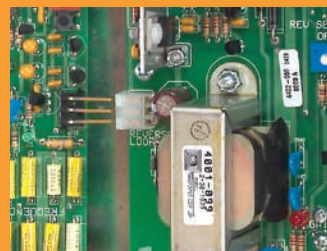


ACCESSORIES:

Magnetic Locks

(115 VAC control box only)

For added security, DKS offers Magnetic Locks for securing swing gates from unwanted entry with 1200 pounds of holding force. With outputs built into your chosen Swing Gate operator, its easy to install integrated Magnetic Locks to your access gate.

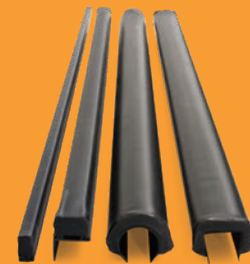


Loop Detectors

- Plug-in detectors (115 VAC control box only) and hard wired detectors
- Single and dual channel
- Pre-fabricated loops available or form your own loops

Reversing edges

- A variety of edge styles for different gates
- Mounting channels included



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6006



6004



6400

DOORKING® INC.

Access Control Solutions since 1948

120 S. Glasgow Avenue, Inglewood, California 90301 U.S.A.
Tel: 310-645-0023 FAX: 310-641-1586 www.doorking.com

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VEHICULAR DC SWING GATE OPERATORS



VEHICULAR DC SWING GATE OPERATORS



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Residential • Light Industrial

ACCESS CONTROL SOLUTIONS



VEHICULAR DC

SWING GATE OPERATORS

DKS SWING GATE OPERATORS
COMPACT
RELIABLE
 EASY TO INSTALL
SAFE
 QUIET
CUSTOMIZABLE
 CORROSION-PROOF
GEAR DRIVEN
 FULLY ENCLOSED
ADJUSTABLE
 BI-PARTING
LOW VOLTAGE
 BUILT IN BACK-UP

6006/ Vehicular Swing Gate
 Gates up to 18' (5.48m)

GATE MOUNTED
LOW VOLTAGE
COMPACT
DESIGN



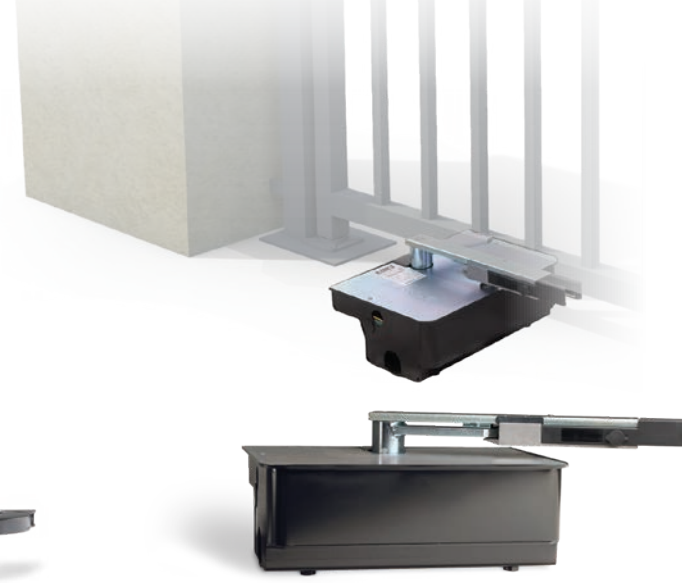
6004/ Vehicular Swing Gate
 Gates up to 8' (2.4m)

COLUMN MOUNTED
LOW VOLTAGE
LOW PROFILE



6400/ Vehicular Swing Gate
 Gates up to 8' (2.4m)

IN-GROUND
LOW VOLTAGE
UNSEEN



SPECIFICATIONS

MODELS

Electrical

- 115 VAC or 24 VDC (solar) control boxes available
- 24-VDC operating voltage
- Built-in battery back-up provides uninterrupted operation if primary (AC) power is lost.
- Soft Start / Soft Stop operation
- Adjustable, maintenance free magnetic limit switches for precise gate control
- Gate overlap feature for bi-parting (dual) gate operation
- Built-in reset and test buttons
- High current warning circuit
- Built-in battery charger (115 VAC control box only)
- Magnetic Lock charger (115 VAC control box only)
- 0.0 Amp SBPD Circuit (Pat Pending) (24 VDC Solar control box only)

Mechanical

- Gates open in approximately 18-20 seconds.
- Keyed release provided on all models.

6006

- Mounts directly on gate and gate post – simplifying installation and eliminating the need for concrete pads
- Ideal for both residential and light commercial applications.
- Maximum gate length up to 18 feet (5.48m), maximum gate weight up to 1600 Lb (725 kg).

6004

- 6004 mounts on the gate column and is ideal in applications where notching the column for an actuator is impractical.
- Strong gear reduction system in a small, compact design
- Ideal for residential gates up to 8 feet (2.4m)
- Smooth operation is great for closing overlapping dual gates

6400

- 6400 mounts in-ground under the gate making it ideal for customers who do not want the operator to distract from the aesthetics of the gate.
- Virtually invisible, a perfect match for high end designer gates
- Ideal for residential applications
- Sophisticated automation without being detrimental to the original gate design

SHARED KEY FEATURES



Soft start/soft stop
 provides smooth gate operation soft start/soft stop.



Loop Detectors
 Easy plug-in ports for DKS loop detectors.



Includes 8040 Receiver
 Low power draw receiver is specially designed for use in Solar applications. Use with MicroPlus or MicroClik transmitters.



Photoeye Included
 Up to 40 ft. sensing range.

6006 KEY FEATURES



Enclosed
 Screw drive protects screw threads.



Easy Install
 Rear bracket pivots allowing the unit to be removed easily.



Reliability
 In a compact and simple to install design.

6004 KEY FEATURES



Dual Gates
 Overlap feature for dual gates.



Low Profile
 mounts to the gate column.



Compact
 Reliability in a compact and simple to install design.

6400 KEY FEATURES



Easy Access
 With removable cover.



In-Ground Operator
 does not interfere with the aesthetics of the gate.



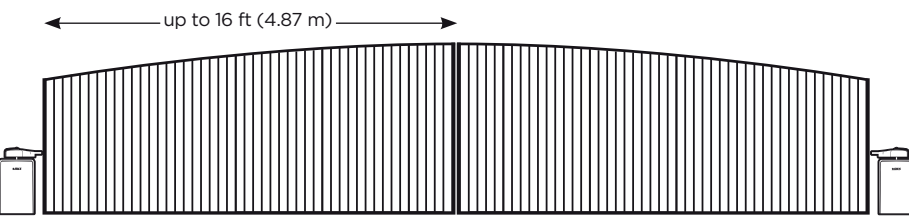
Overlap Feature
 for dual gates.

	6006	6004	6400
RESIDENTIAL APPLICATIONS	✓	✓	✓
LIGHT COMMERCIAL APPLICATIONS	✓	-	-
GATE LENGTH MAXIMUM:	18 ft (5.48m)	8 ft (2.4m)	8 ft (2.4m)
GATE WEIGHT MAXIMUM	1600 LB (725kg)	500 LB (227kg)	300 LB (136kg)
SOFT START/STOP	✓	✓	✓
OPTIONAL SOLAR POWER OPERATOR	✓	✓	✓
MOUNTING STYLES			
COLUMN	-	✓	-
IN-GROUND	-	-	✓
GATE	✓	-	✓
LOOP DETECTOR PORTS*	✓	✓	✓
MAGNETIC LOCK POWER**	✓	✓	✓
KEYED MANUAL RELEASE	✓	✓	✓
BACK-UP BATTERIES	✓	✓	✓
24 VOLT DC OPERATING VOLTAGE	✓	✓	✓

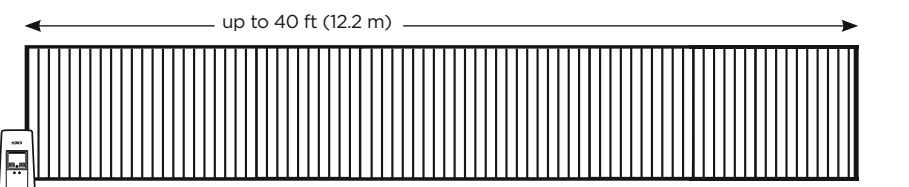
* loop detector ports are only used with 115 VAC control box
 ** 115 VAC control box only

AC & DC POWERED GATE OPERATORS

A SYSTEM FOR RESIDENTIAL & COMMERCIAL APPLICATIONS

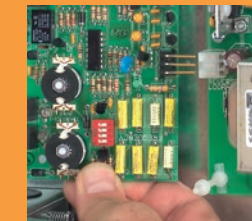


6524
Swing Gates up to 16 ft (4.87 m),
800 lb (362.8 kg)
1/2 HP - 115/230 VAC and 24 VDC



9024
Slide Gates up to 40 ft (12.2 m),
1000 lb (453.6 kg)
1/2 HP - 115/230 VAC and 24 VDC

ACCESSORIES:



Loop Detectors
Plug-in detectors (DKS only).
Single and dual channel.
Pre-fabricated loops available
or form your own loops.

Lock Boxes

Provide Fire Department and Postal
Carrier access through automated
gates or doors for emergency or
postal personnel.

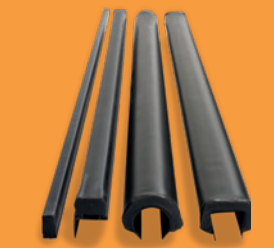


ENTRAPMENT PREVENTION DEVICES



Photo-eyes

- Photo-reflective beams have a scan distance up to 40 ft. (14m)
- Includes reflector and mounting bracket
- Thru-beam photocells have a scan distance up to 100 ft. (30.48m)
- Separate sender and receiver
- Hooded metal enclosure
- Infrared beam



Reversing edges

- A variety of edge styles for different gates
- Mounting channels included

SLIDE ACCESSORIES:

Guide Rollers

Designed to meet the requirements of the UL 325 and ASTM F2200 standards. The rollers are fabricated from UHMW material for long-lasting quiet operation.



V-WHEELS

DKS provides a full line of V-Wheel Assemblies and replacement V-Wheels to meet any slide gate application and budgetary requirements.



SWING ACCESSORIES:



Uphill Counter-balance & Ball Joint Pivot Assemblies

Helpful to balance gates that swing in an uneven plane.



Swing Gate Accessories

Flange bearing hinge, sealed bearing hinge, base plates, bi-parting connection cable, heater kits, accessory transformers, and other accessories for gate operation and installation.

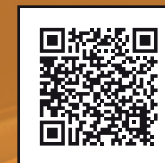
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6524



9024

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Access Control Solutions since 1948
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VEHICULAR AC & DC SWING GATE OPERATORS



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Residential • Apartment/College Residence Halls • Gated Communities
Mixed Use Buildings • Commercial/Industrial • Parking • Self Storage

ACCESS CONTROL SOLUTIONS

9024 Slide Gate

For gates up to 40 ft (12.2m)
1000 lbs (453kg)

THE **QUIETEST OPERATOR**
IN BOTH AC AND 24 VOLT DC
BATTERY BACK-UP & SOLAR



6524 Swing Gate

For gates up to 16 ft (4.8m)
800 lbs (362kg)

BATTERY BACK-UP **AC / DC** AND
SOLAR POWER OPERATION



SPECIFICATIONS

FEATURES

- Microprocessor control board
- Auto-close timer (0-30 sec)
- Selectable stop or reverse loop function
- 0.0 A standby power (solar operators)
- Gate Tracker reporting output
- Ports for plug-in loop detectors
- Bi-parting gate feature
- Battery protection circuit
- 1/4 inch polypropylene cover

ELECTRICAL

- 115/230 VAC Input Power (switch selectable)
- 24 VDC Solar Power
- 1/2 HP Quadra-Drive DC Motor
- Built-in AC and DC Power switches
- Built-in alarm reset switch
- Built-in Battery Backup
- 115 VAC Convenience outlets (AC operators)
- Magnetic lock power
- Easy primary/secondary operator connection

9024 SLIDE GATE OPERATOR

- 1/4 inch steel frame corrosion protected
- Easy adjustable limit nuts
- Adjustable partial open feature
- Anti-tailgating feature
- Belt driven 30:1 gear reduction
- Keyed T-handle manual release
- Speed approximately 1 ft/sec (.3 m/sec)

6524 SWING GATE OPERATOR

- 1/4 inch steel frame corrosion protected
- Easy adjustable magnetic limit switches
- Belt driven 60:1 gear reduction
- Slow-start / slow-stop mechanical arm
- Split case for easy installation / service
- Keyed manual release
- 90° in approximately 12-14 seconds

Mechanical

- Quiet operation and weather proof design
- Reduction: Belt Driven 30:1 gear reduction running in a continuous oil bath
- Speed: Approximately 1 ft/sec (30.5 cm/sec)
- Chain: Unit is shipped with 20 ft of #40 roller chain
- Manual Release: "T-Handle" release is easily accessible from front of operator. Operator re-connects automatically when handle is released

Mechanical

- Quiet operation and weather proof design
- Primary Reduction is provided by a pulley / belt driving a worm gear reduction system
- The 6524 rotates the gate 90° in approximately 12-14 seconds
- Two-piece articulating arm for smooth gate operation
- Keyed access is provided to release arm for manual gate operation in the event of a power outage
- Overlap feature for bi-parting dual gates

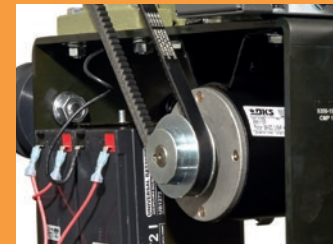
9024 AC/DC KEY FEATURES



Manual Release
Easy to use manual T-handle



Safety
Automatically reverses gate when an obstruction condition exists. Compliant with the U.L. 325 standard for safety. Will provide a safe operating environment when installed correctly with the required entrapment protection devices.



Battery Backup
For continued gate operation if AC power is lost



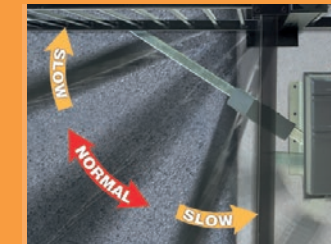
Quadra Drive
DC motor for longer life



Full Size Gearbox
Heavy-duty 30:1 ratio gearbox



Built-in
AC and DC power switch



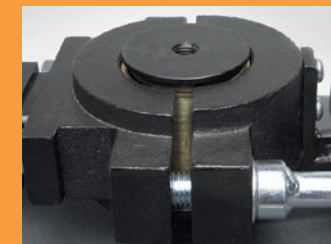
Smooth Operation
Slow start / slow stop. No slamming when gate closes.



Safety
Two-stage, self monitoring inherent protection system. 6000 series operators automatically release pressure on gate. Emergency friendly fail-safe design.



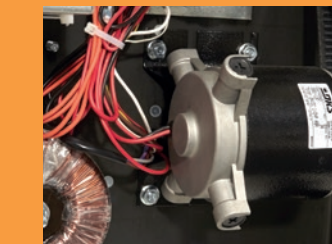
Split Case
Two-piece split case provides easy installation and maintenance. Never pull arm off to access interior.



Breakaway Hub
Unique breakaway hub design prevents gear box damage if the gate is struck



Easy Release
For manual operation



DC Motor and Battery Backup
For continued gate operation if AC power is lost

SHARED KEY FEATURES



Gate Tracker™
Provides operator data to companion access controller (DKS 1833 / 1835 / 1837 / 1838)

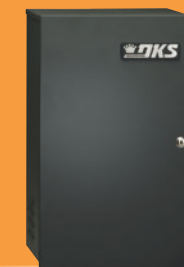


Steel Built
Steel frame with durable polypropylene cover.



Battery Back-up and Solar Power

Input power for these operators is 115/230 VAC (switch selectable) or there is a 24 VDC solar powered version. Operating voltage is 24 VDC and these operators include built-in battery backup.



Whole System Power Backup

The Model 1000 power inverter provides backup power for a complete gated access control system (phone system, controller, accessories, keypads, etc.) when primary AC power fails by converting 12 volt DC power to 120 volt AC power. Maintains a completely operable access control system during power outages and is ideal for any application.

	IND	COM	RES	USAGE	PARTIAL OPEN AND ANTI TAIL-GATING FEATURES	GATE TRACKER	LOOP DETECTOR PORTS	SOFT START/STOP (MECHANICAL)	1/2 HORSE POWER	GATE WEIGHT MAXIMUM	GATE LENGTH MAXIMUM*
9024	-	✓	✓		✓	✓	✓	-	✓	1000Lb. (453kg)	40 Ft. (12.2m)
6524	-	✓	✓		-	✓	✓	✓	✓	800Lb. (362kg)	16 Ft. (4.8m)

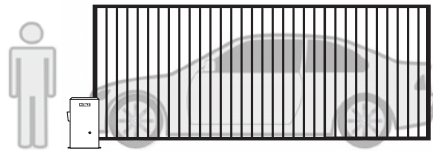
AC & DC POWERED GATE OPERATORS

A SYSTEM FOR ALL APPLICATIONS

Controls Gates from 16' (4.8m) to 45' (13.7m)

Small Size Gates

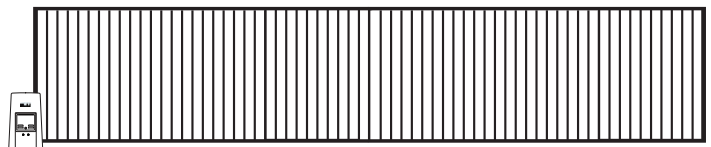
Residential
Slide gates up to 16' (4.8m), 500 Lb. (227kg)
DKS 9050 slide gate operator.



Slide gates up to 16' (4.8m)

Medium Size Gates

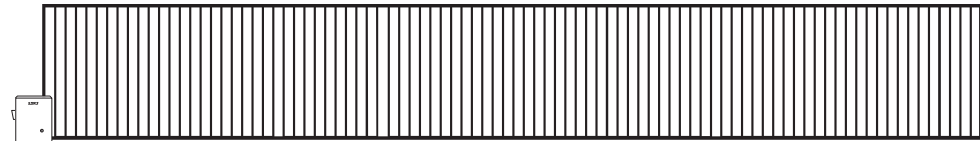
Residential, Commercial, Industrial
Slide gates up to 30'-35' (9.1m-10.6m), 1000 Lb. (453kg) DKS 9100, 9150
1/2HP and 9000 1/2 & 1HP, 9024DC up to 40' (12.2m) slide gate operators.



Slide gates up to 35' (10.6m)

Large Size Gates

Commercial and Industrial
Slide gates up to 45' (13.7m),
1500 Lb. (680kg)
DKS 9150 1HP slide gate operator.



Slide gates up to 45' (13.7m)

ACCESSORIES:

ENTRAPMENT PREVENTION DEVICES



Photo-eyes

- Photo-reflective beams have a scan distance up to 40 ft. (12m)
- Includes reflector and mounting bracket
- Thru-beam photocells have a scan distance up to 100 ft. (30.48m)
- Separate sender and receiver
- Hooded metal enclosure
- Infrared beam



Guide Rollers

Designed to meet the requirements of the UL 325 and ASTM F2200 standards. The rollers are fabricated from UHMW material for long-lasting quiet operation.



V-Wheels

DKS provides a full line of V-Wheel Assemblies and replacement V-Wheels to meet any slide gate application and budgetary requirements.



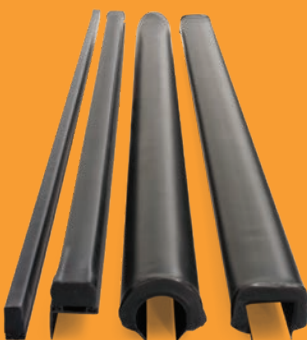
Loop Detectors

Plug-in detectors (DKS only). Single and dual channel. Pre-fabricated loops available or form your own loops.



Reversing edges

- A variety of edge styles for different gates
- Mounting channels included



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Residential • Apartment/College Residence Halls • Gated Communities
Mixed Use Buildings • Commercial/Industrial • Parking • Self Storage

ACCESS CONTROL SOLUTIONS



VEHICULAR AC & DC

SLIDE GATE OPERATORS

9050/ For gates up to 16 ft (4.8m) / 500 lbs (227kg)

RESIDENTIAL BUILT IN SAFETY FEATURES



9100/ For gates up to 30 ft (9.1m) / 500 lbs (453kg)

THE SAFEST SELF ADJUSTING GATE OPERATOR



9150/ For gates up to 45 ft (13.7m) / 1500 lbs (680kg)

LARGE COMMERCIAL GATES



9000/ For gates up to 35 ft (10.6m) / 1500 lbs (680kg)

9024/ For gates up to 40 ft (12.2m) / 1000 lbs (453kg)

THE QUIETEST OPERATOR IN BOTH AC AND 24 VOLT DC BATTERY BACK-UP & SOLAR



SPECIFICATIONS

9050

- Designed for limited-duty residential applications only (100 maximum cycles per day)
- Built-in mechanical and electronic reverse system
- Electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Automatic self-setting limits mean no limit switch adjustment - ever
- Available with Polypropylene or metal cover

9000

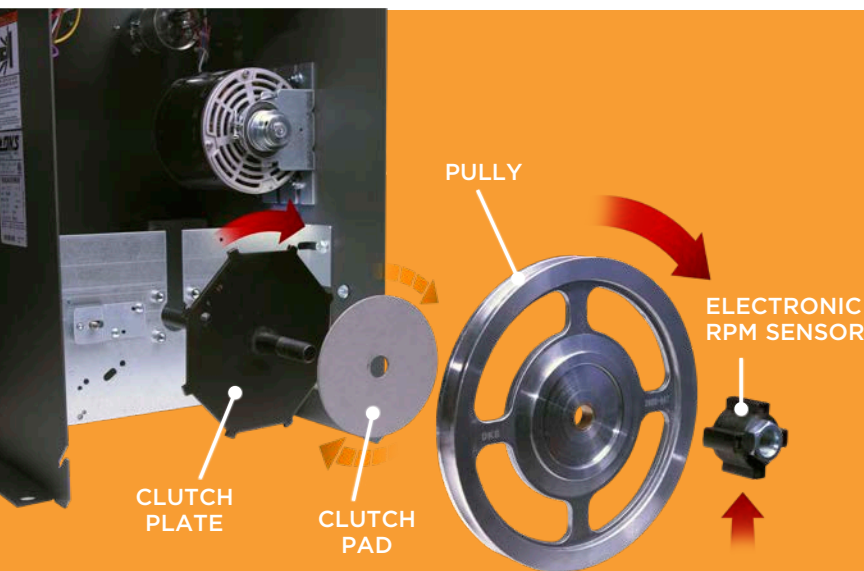
- Adjustable direct driven limits for precise gate control
- Easy to use manual T-handle release
- Polypropylene cover for durability
- Steel frame for strength and quiet operation
- 1/2 and 1 horsepower models
- Full feature circuit board
- Primary and secondary units for bi-parting (dual) gates

9100 / 9150

- Built-in mechanical and electronic reverse system
- Electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Automatic self-setting limits mean no limit switch adjustment - ever
- Designed for continuous-duty applications
- Advanced microprocessor control board includes anti-tailgating features and operator reporting features
- 1/2 or 1 HP continuous-duty motors
- Available with Polypropylene or metal cover

9024

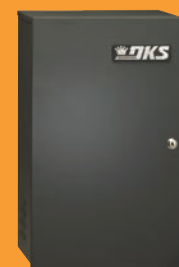
- A DC motor and battery backup for continued gate operation if AC power is lost or for Solar power where no AC is available
- 115/230 VAC Input (switch selectable) or 24 VDC Solar Power Input
- Powerful 1/2 HP Quadra Drive motor for long life, with heavy-duty full size 30:1 ratio gearbox
- Solar power ready
- "T-Handle" release is easily accessible from front of operator



DKS FAIL-SAFE: 9050 / 9100 / 9150

DoorKing Fail-Safe gate operators provide both electronic and mechanical obstruction sensing, making them the safest gate operators on the market.

Upon a power outage, these operators "fail" in a "safe" condition allowing the gate to be pushed open without any special keys, cranks or special knowledge. This is a requirement by many fire department authorities throughout the country.



Whole System Power Backup

The Model 1000 power inverter provides backup power for a complete gated access control system (phone system, controller, accessories, keypads, etc.) when primary AC power fails by converting 12 volt DC power to 120 volt AC power. Maintains a completely operable access control system during power outages and is ideal for any application.



Manual Release

9000 / 9024 Models • Easy to use manual T-handle
9050 / 9100 / 9150 Models • Fail-Safe



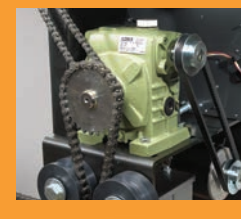
Gate Tracker™

9000 / 9100 / 9150 / 9024 Models
Provides operator data to companion access controller (DKS 1833 / 1835 / 1837 / 1838)



Safety™ All Models

Automatically reverses gate when an obstruction condition exists.
Compliant with the U.L. 325 standard for safety. Will provide a safe operating environment when installed correctly with the required entrapment protection devices.



DC/Solar 9024

Operator is 24 Volt DC and includes built-in battery backup 115/230 VAC (switch selectable) or 24 VDC Solar Power 1/2 HP Quadra Drive Heavy-duty DC motor. Heavy-duty 30:1 ratio gearbox. Solar power ready, with 0.0 Amp SBPD Circuit.



Steel Built

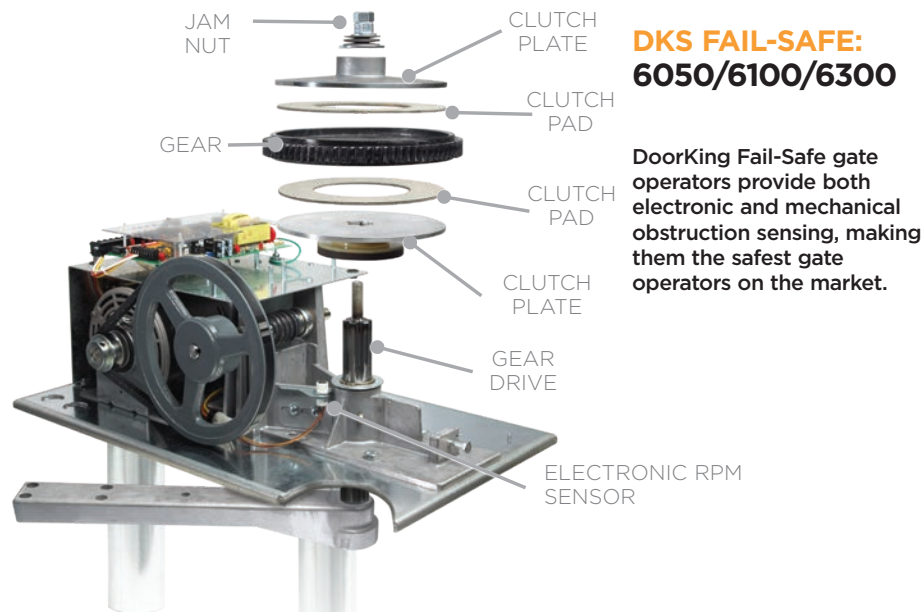
9050 / 9100 / 9150 Models G90 galvanized steel frame to prevent rusting. Polypropylene or metal cover. 9000 / 9024 Models Steel frame with durable polypropylene cover.

	9050	9100	9150	9000	9024DC
GATE LENGTH MAXIMUM*	16 ft (4.8m)	30 ft (9.1m)	45 ft (13.7m)	35 ft (10.6m)	40 ft (12.2m)
GATE WEIGHT MAXIMUM	500 LB (227kg)	1000 LB (453kg)	1500 LB (680kg)	1500 LB (680kg)	1000 LB (453kg)
HORSE POWER					
1/2 HP	✓	✓	✓	✓	✓
1 HP	-	-	✓	✓	-
LOOP DETECTOR PORTS	✓	✓	✓	✓	✓
GATE TRACKER	-	✓	✓	✓	✓
PARTIAL OPEN AND ANTI TAIL-GATING FEATURES	-	✓	✓	✓	✓
USAGE					
RES	✓	✓	-	✓	✓
COM	-	✓	✓	✓	✓
IND	-	-	✓	✓	-

* Assumes gate to be in good condition and sliding on a level surface.

AC & DC POWERED GATE OPERATORS

SAFETY AND RELIABILITY SYSTEMS



**DKS FAIL-SAFE:
6050/6100/6300**

DoorKing Fail-Safe gate operators provide both electronic and mechanical obstruction sensing, making them the safest gate operators on the market.



DKS TAKES SAFETY A FEW STEPS FURTHER:

All DoorKing swing gate operators are compliant with the U.L. 325 standard for safety. DKS gate operators will provide a safe operating environment when installed correctly with the required entrapment protection devices.

WHOLE SYSTEM POWER BACKUP

The Model 1000 power inverter provides backup power for a complete gated access control system (phone system, controller, accessories, keypads, etc.) when primary AC power fails by converting 12 volt DC power to 120 volt AC power. Maintains a completely operable access control system during power outages and is ideal for any application where continued system operation is critical.



RELIABILITY YOU CAN TRUST

The 6500 series has a solid steel frame and belt driven gear box making this operator one of the quietest on the market today. The electronic magnetic limits will never wear out or break and they are easily adjusted. Unique breakaway hub design prevents gear box damage if the gate is struck. Two-piece Polypropylene housing makes installation and adjustments easy.



ACCESSORIES:

ENTRAPMENT PREVENTION DEVICES



Photo-eyes

- Photo-reflective beams have a scan distance up to 40 ft. (12m)
- Includes reflector and mounting bracket
- Thru-beam photocells have a scan distance up to 100 ft. (30.48m)
- Separate sender and receiver
- Hooded metal enclosure
- Infrared beam



Loop Detectors

- Plug-in detectors (DKS only) and hard wired detectors. Single and dual channel. Pre-fabricated loops available or form your own loops.



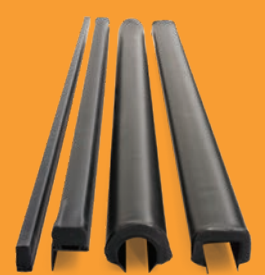
Swing Gate Accessories

- Flange bearing hinge, sealed bearing hinge, base plates, bi-parting connection cable, heater kits, accessory transformers, and other accessories for gate operation and installation.



Lock Boxes

- Provide Fire Department and Postal Carrier access through automated gates or doors for emergency or postal personnel.



Reversing edges

- A variety of edge styles for different gates
- Mounting channels included

REGIONAL SALES MANAGER LOCATIONS

DOORKING U.S.A.

- INDIANAPOLIS, IN
- SACRAMENTO, CA
- VINELAND, NJ
- BOSTON, MA
- PHOENIX, AZ
- NASHVILLE, TN
- ATLANTA, GA
- DALLAS, TX
- ORLANDO, FL
- CHARLOTTE, NC
- HOUSTON, TX
- SAN DIEGO, CA
- LOS ANGELES, CA



DOORKING, INC.
Access Control Solutions since 1948
120 S. Glasgow Avenue, Inglewood, California 90301 U.S.A.
Tel: 310-645-0023 FAX: 310-641-1586 www.doorking.com
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VEHICULAR AC & DC SWING GATE OPERATORS



VEHICULAR AC & DC SWING GATE OPERATORS



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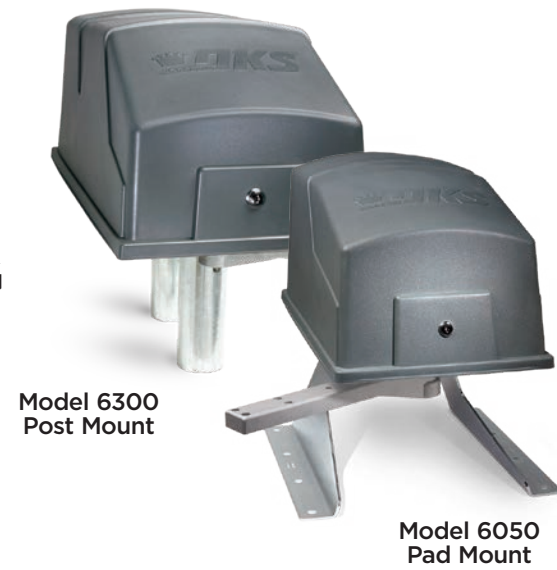
Residential • Apartment/College Residence Halls • Gated Communities
Mixed Use Buildings • Commercial/Industrial • Parking • Self Storage

ACCESS CONTROL SOLUTIONS

6050 / 6100 / 6300

For gates up to 22 ft (6.7m) / 800 lbs (362kg)

SMOOTH OPERATION
SAFETY
LONG LASTING



Model 6300 Post Mount

Model 6050 Pad Mount

6500 / 6550

For gates up to 25 ft (7.6m) / 2000 lbs (907kg)

STRENGTH
RELIABILITY
QUIET OPERATION



Model 6550

Model 6500

6524 / For gates up to 16 ft (4.8m) / 800 lbs (362kg)

BATTERY BACK-UP
AC / DC
AND SOLAR
POWER
OPERATION



Model 6524

SPECIFICATIONS

ALL MODELS

Electrical

- Auto-close timer (1-23 seconds)
- Microprocessor control board
- Simple connection for secondary operator in bi-parting gate systems
- Built-in power and alarm reset switches
- Selectable shadow / reverse loop function
- Magnetic lock power
- Ports for plug-in open and reverse loop detectors (DKS plug-in detectors only)
- 115 VAC convenience outlets for accessory transformers (on the AC powered version of 6524 only)
- Gate Tracker reporting output provides operator data to access control system (DKS 1833, 1835, 1837 or 1838 only)

Mechanical

- Quiet operation and weather proof design
- Primary Reduction is provided by a pulley / belt driving a worm gear reduction system
- Rotates the gate 90° in approximately:
6050 / 6100: 12-14 seconds
6300: 16-18 seconds
6500: 14-16 seconds
6524: 12-14 seconds
6550: 12-18 seconds (variable)
- Two-piece articulating arm for smooth gate operation
- Keyed access is provided to release arm for manual gate operation in the event of a power outage
- Overlap feature for bi-parting dual gates

6050 / 6100 / 6300 MODELS

- Three models to choose from: 6050 and 6100 at 1/2 horsepower, and 6300 at 1/2 and 1 horsepower
- Automatic self-setting limits mean no limit switch adjustments - ever
- Safety - built-in mechanical and electronic reverse system
- Pad or Post Mount

6500 / 6550 MODELS

- Two 6500 models to choose from: 1/2 and 1 horsepower. 6550 available as 1 horsepower only
- Split polypropylene housing allows easy access without having to remove the gate arm
- Easy to adjust electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Unique breakaway hub design prevents gear box damage if the gate is struck
- Steel frame for strength and durability
- Easy to use manual release system

6524 MODELS

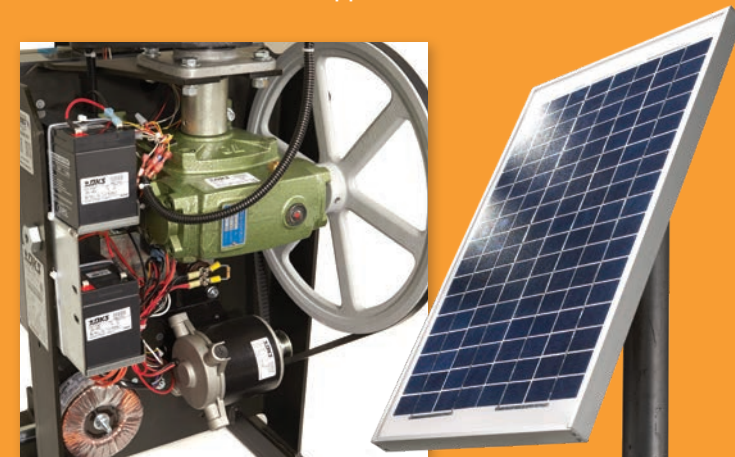
- Operator is 24 Volt DC and includes built-in battery backup
- 115/230 VAC (switch selectable) or 24 VDC Solar Power
- 1/2 HP Quadra Drive Heavy-duty DC motor
- Solar power ready with 0.0 Amp SBPD Circuit (solar power only)
- Includes set of 7.2 Ah batteries. Solar kit includes set of 18Ah batteries and 10 Watt, 24 VDC solar panel
- With back-up power, up to 150 gate cycles with optional 18Ah batteries*

* 6524 battery back up cycles assumes gate swings in a level arc, and is in good condition with properly adjusted hardware. Calculation based on a 16 foot gate weighing 800 Lbs. Other external factors (temperature, charge state of batteries, gate weight, gate length, etc.) will affect the performance of the gate operator and may reduce the number of cycles

DC Swing Gate Operator Battery Back-up and Solar Power

The newest DKS DC Swing Gate Operator is perfect where backup power is critical, as they keep running when AC power has been lost. The solar power version is ideal in applications where AC power is unavailable and allows you to add your own solar system for power, or you can choose the DKS solar kit.

This swing gate operator offers convenience, reliability and safe operation in a small, compact design and is ideally suited for residential or commercial applications.



Heavy-duty gearbox and Quadra Drive DC motor

Low Visibility Gate Operators



Low visibility gate operators for a cleaner looking install

The unique design of the 6000 series operators allows the gate arm to be attached to the bottom rail of the gate. This eliminates the need for any brackets to be welded to the face of the gate and creates an aesthetically pleasing installation.

This is excellent for home gates as it allows for a more aesthetically pleasing attachment to the gate while still delivering reliable, safe operation.

And they can be either pad or post mounted without costly and time consuming field modifications.



Smooth Operation
Slow start / slow stop.
No slamming when gate closes.



Split Case
6500 Series
Two-piece split case provides easy installation and maintenance. Never pull arm off to access interior.



Gate Tracker™
Provides operator data to companion access controller (DKS 1833 / 1835 / 1837 / 1838)



Safety
Two-stage, self monitoring inherent protection system. 6000 series operators automatically release pressure on gate. Emergency friendly fail-safe design.



DC/Solar 6524
Operator is 24 Volt DC and includes built-in battery backup 15/230 VAC (switch selectable) or 24 VDC Solar Power. Quadra Drive 1/2 HP heavy-duty DC motor, and heavy-duty gearbox. Solar power ready, with 0.0 Amp SBPD Circuit.



Mounting
Can be installed directly on a concrete pad, or post mounted to meet any installation requirements (6000 series). 6500 model operators are mounted to a concrete mounting pad.

	6050	6100	6300	6300	6500	6500	6550	6524
↔ GATE LENGTH MAXIMUM*	10 Ft. (3.0m)	14 Ft. (4.2m)	18 Ft. (5.4m)	22 Ft. (6.7m)	18 Ft. (5.4m)	22 Ft. (6.7m)	25 Ft. (7.6m)	16 Ft. (4.8m)
⚡ GATE WEIGHT MAXIMUM*	400Lb. (181kg)	500Lb. (226kg)	700Lb. (317kg)	800Lb. (362kg)	700Lb. (317kg)	800Lb. (362kg)	2000Lb. (907kg)	800Lb. (362kg)
⚡ HP	1/2	1/2	1/2	1	1/2	1	1	1/2
✓ FAIL-SAFE CLUTCH	✓	✓	✓	✓	-	-	-	-
STOP SOFT START/STOP (MECHANICAL)	✓	✓	✓	✓	✓	✓	✓	✓
🚗 LOOP DETECTOR PORTS	✓	✓	✓	✓	✓	✓	✓	✓
📺 GATE TRACKER	✓	✓	✓	✓	✓	✓	✓	✓
USAGE								
RES	✓	✓	✓	✓	✓	✓	✓	✓
COM			✓	✓	✓	✓	✓	✓
IND			✓	✓	✓	✓	✓	✓

* Assumes gate to be in good condition and swinging on a level surface.

INTERNET PROGRAMMABLE

DKS PLUG & PLAY CONNECTION OPTIONS

EACH 1830 SERIES UNIT ALLOWS VOICE AND DATA CONNECTION OVER EITHER CELLULAR, INTERNET, OR POTS¹

DKS offers easy ways to connect fast using DKS connection services. With the easy to use 1830 Account Manager programming software, you can customize the system immediately. Connection and set up is a snap.

CELLULAR*

A DKS wireless option that replaces standard telephone lines and internet connections. No telephone lines or ethernet cable to install or maintain.



DKS Cellular Option™

UNLIMITED RANGE

Nationwide coverage. Set up DKS Cellular Telephone Entry system wherever cell service is available in all U.S. states and its territories.

TURNKEY PROGRAMMING

No software download needed! Easy setup and programming using the DKS Cloud - included with a DKS Cellular subscription.

PLUG AND PLAY**

Give it power, enable cell service, and you're ready to go.

DKS IM SERVER MODEM™ Utilizes the POTS (Plain Old Telephone Service) line at the telephone entry system to provide data (programming) transfer via the internet connection at your programming computer.

1. DoorKing does not recommend using a POTS line and modem for data transfer as we can no longer guarantee modem connections. Several phone company services and switches no longer support modem communications since these devices are considered to be obsolete technology. The telephone line at the entry system must support G.711 level service for the IM Server Modem to work. You should also be aware that modem communications will not work over cellular or VoIP connections.

* DKS Cellular operates on the AT&T™ 4G-LTE cellular network (where available), and as such, a monthly subscription fee applies (just like your cell phone). The DKS Cellular service provides very competitive monthly rates for your cellular service. DKS Cellular service is available in all states, Puerto Rico, U.S. Territories and Canada. DKS Cellular service is not available in Mexico or other countries.

** DKS subscription based service.

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INTERNET**

Use DKS VoIP and TCP/IP adapters for easy plug & play setup. No routers, port forwarding, IP addresses, firewalls or DDNS services to deal with.



DKS Internet Options™

TURNKEY PROGRAMMING

No software download needed! Easy setup and programming using the DKS Cloud - included with a DKS VoIP subscription.

MANUAL SETUP*

You can avoid DKS subscription fees by using TCP/IP adapter 1830-185, which requires manual setup by an IT technician, and your own VoIP provider*.

*While many VoIP services will work with the 1830 system, DoorKing does not guarantee compatibility with these third party providers. **DKS Cloud not available with manual setup.



DKS IM Server Modem™
(Pat. 9,049,306)

REGIONAL

SALES MANAGER
LOCATIONS

DOOR KING U.S.A.

- INDIANAPOLIS, IN
- SACRAMENTO, CA
- VINELAND, NJ
- PHOENIX, AZ
- NASHVILLE, TN
- ATLANTA, GA
- DALLAS, TX
- ORLANDO, FL
- CHARLOTTE, NC
- HOUSTON, TX
- SAN DIEGO, CA
- LEHIGH VALLEY, PA
- LOS ANGELES, CA

1830 / 90 SERIES TELEPHONE ENTRY/ ACCESS CONTROL SYSTEMS



Shown with trim ring - sold separately

DISTRIBUTED BY:



1830 / 90 SERIES

TELEPHONE ENTRY / ACCESS CONTROL SYSTEMS



Shown with trim ring - sold separately

Apartment/College Residence Halls • Mixed Use Buildings
Commercial/Industrial • Business/Home Multi Unit

ACCESS CONTROL SOLUTIONS

ACCESSORIES:



Cellular Connection

A wireless solution for connecting managers and users to access control systems via the AT&T 4G LTE network.



Internet Connection

A Plug and Play solution that provides both voice and data via your existing internet connection. *DKS subscription service required.



TCP/IP Adaptor

Setup your own Internet and VoIP connections to eliminate DKS subscription services. DoorKing does not guarantee third party service connections.



Tracker Expansion Board

Tracker expansion boards allow the 1830 controller to manage up to 48 wired entry points.

Wireless Expansion

Expand to control up to 24 wireless entry points. Connect card readers and keypads without the need to run wiring from each unit to the controller.

Elevator Control

Increase the level of security to restrict visitor access to particular floors. Each board can control up to 16 floors for a single elevator - with a total maximum possibility of 64 floors and eight elevators.

Card Readers, Keypads, RF Remotes

DoorKing carries a full line of DKS, AWID and HID proximity card readers and cards. DKS Keypads provide access control where digital code entry is desired. Wireless RF controls allow remote operation of vehicular access gates from the safety and convenience of a vehicle.

DKS Relay Control App

(for system administrators, Android only).



MADE IN USA

DOOR KING, INC.

Access Control Solutions since 1948

120 S. Glasgow Avenue, Inglewood, California 90301 U.S.A.
Tel: 310-645-0023 • FAX: 310-641-1586 • www.doorking.com

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MEMBER:



1830 / 90 SERIES TELEPHONE ENTRY / ACCESS CONTROL SYSTEMS

1834 / 90 SERIES

Simple Non-expandable
2 Entry Points



1835 / 90 SERIES

High Rise Buildings/Many Users
Expanded Features



1837 / 90 SERIES

Medium to Large Facilities with
Expanded Directory



SPECIFICATIONS

ALL MODELS

- Stores up to 3000 Phone Numbers, 255 Area Codes
- 10 & 11-Digit Dialing Capability
- Lighted keypad and A-Z-CALL buttons
- Programmable Directory Codes: 1 to 4 digits
- Full Duplex Hands-Free Voice Communication
- Transaction Buffer Stores Last 8000 Events
- 3000 Entry Codes (4-digit)
- Built-in clock / calendar
- 16 VAC Power Transformer(s) included
- 1835, 1837 include two power transformers
- Remote Account Manager software available as a free download at doorking.com/software

1835, 1837 ONLY

- Two (2) 26-bit Wiegand inputs, expandable to 48 wired or 24 wireless
- 8000 event transaction buffer
- Database import/export capability
- Holiday schedule
- Hold open time zones
- Built-in clock/calendar
- Built-in postal lock provision

1837 ONLY

8-Line 20-Character Super-Twist LCD Display

1834, 1835 ONLY

Single-Line 20-Character Super-Twist LCD Display

INTERNAL MOUNTING



TCP/IP Adapter
Can be mounted internally (TCP/IP adapter sold separately).



Card Reader
Can be mounted internally (card reader sold separately).



Longer Life
With streamlined look, locking and double weather sealing



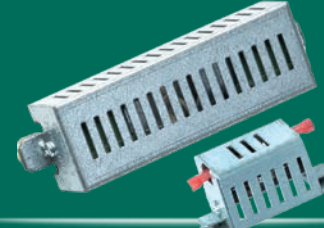
Enhanced Tamper Resistance
With dual locks and tamper alert switch. Optional hood adds even more protection.



3000 Names & Phone Numbers
Program multiple names and numbers per unit. Use a mobile phone number to receive calls for entry from anywhere... and grant access.



High Resolution Color Camera
can be mounted internally (sold separately, may require additional equipment).



LCD Heater
for cold weather environments (sold separately).



8000 Device Codes
Multiple access control device choices -- mix or match card readers, keypads, and/or RF controls. Program multiple devices for each user. Program multiple users for each unit.

One Box That Mounts Anywhere

Standard Housing



Housing Options



Surface Mounted



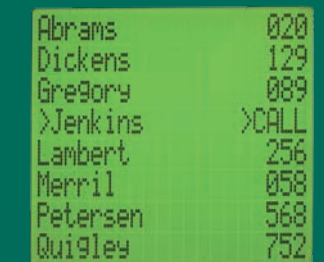
Flush Mounted
(flush mount kit sold separately).

Surface Mounted with Hood
(hood sold separately).

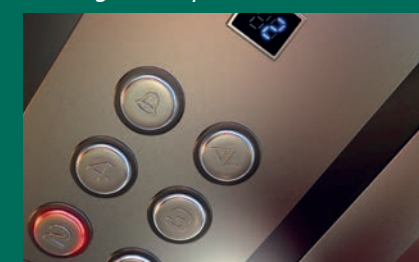
Post Mount with Hood
(hood sold separately).



Entry Points
Control up to 48 wired entry points (or up to 24 wireless) -- doors, gates, parking, etc.



LCD Directory
BIG 1/2-inch characters are easy to read. 1834 and 1835 use a single-line directory; 1837 uses an eight-line directory.



Elevator Control
Control up to 8 elevator shafts, with up to 64 floors each. Control which floors users and visitors have access to.

	1834	1835	1837
3000 NAMES & PHONE NUMBERS	✓	✓	✓
8000 DEVICE CODES	-	✓	✓
ELEVATOR CONTROL	-	✓	✓
ENTRY POINTS Expands to 48 wired or 24 wireless	2	3	3
BUTTONS - A TO Z AND CALL	✓	✓	✓
DIRECTORY	1-line	1-line	8-line
CLOUD PROGRAMMING (Free with DKS subscription service)	✓	✓	✓
CONNECTION OPTIONS	✓	✓	✓
ANTI-PASS BACK	-	✓	✓
LED LIGHTED KEYPAD	✓	✓	✓
STORES UP TO 255 AREA CODES	✓	✓	✓
ENTRY CODE TIME ZONES	-	✓	✓
PERMISSION LEVELS	-	✓	✓



2112 eVolve VIDEO ENTRY SYSTEM



2112 eVolve
Flush Mount

2112
Surface Mount

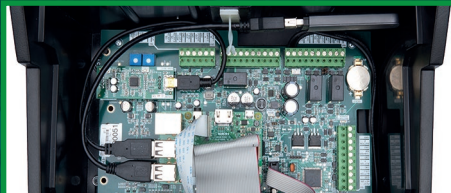
Voice or Video calling and access management from anywhere with the DKS Cloud

- The 2112 eVolve is our most advanced and versatile Video Entry System, allowing the homeowner or system users the ability to grant entry to guests even from thousands of miles away.
- The 2112 features Video or Voice calls in a broadcast mode for up to 4 phones simultaneously when the call button is pushed.
- The 2112 control dashboard is browser based, so all that's needed is an internet connection and a web browser to access Entry System settings such as users, access time zones, entry codes and more.
- Residents can quickly grant guests access from their home phone or smartphone.
- Able to control up to three entry points, the 2112 eVolve operates with an internet connection or an optional cellular connection.

Internet Connection - Wired or Wireless



NEW eVolve Technology Inside



Wireless Cellular Connection Option

Used if an internet connection is not possible.



Internet Connection

Use your existing internet connection for easy Plug & Play connectivity



Live Video Streaming

Users with the DKS video calling app downloaded to their smartphone are able to communicate with guests via video stream



Voice Communication

Talk to guests at a front door or gate from any telephone in the home, or mobile phone



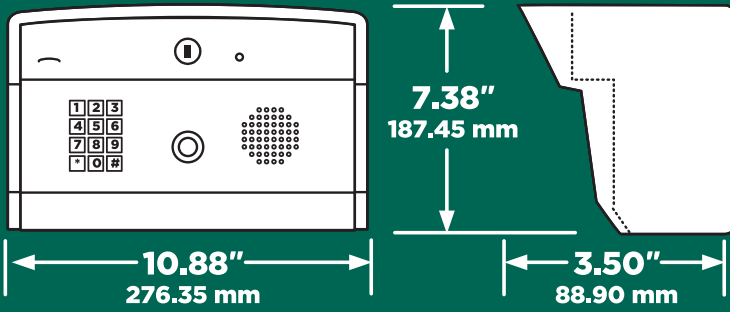
Broadcast Calling

Access requests from the call button can ring up to 4 phones simultaneously.

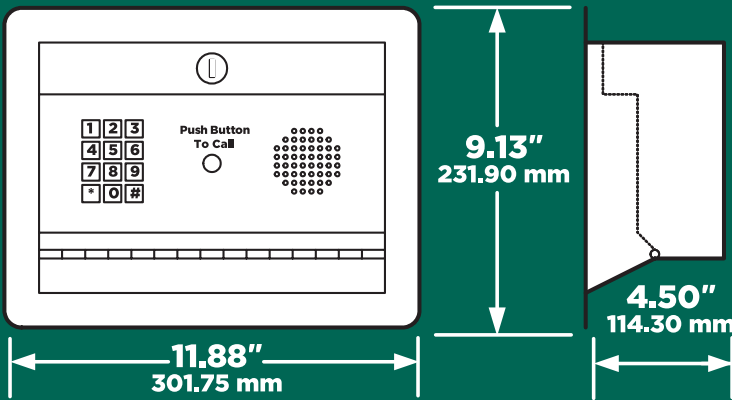


Control from Any Device, Anywhere

Administrators can access system settings from any browser via the cloud.



2112 eVolve
Surface Mount



2112 eVolve
Flush Mount

MODEL	2112
PHONE NUMBERS	10 Residents, four (4) phone numbers per resident
ENTRY CODES ¹	Programmable to four (4) or five (5) digits
RELAYS	Three (3) Type C

1. Entry codes grant access when entered on the system keypad

TECHNICAL FEATURES

PROGRAMMING/USER FEATURES

Programming via Internet Browser using a laptop, tablet or smartphone
DKS Video Calling app
All programming is shared in the cloud
Updates show as they occur

CONNECTIVITY NETWORK CONNECTION

Please note that the 2112 system uses the DKS Cloud for all operating functions and a monthly connection fee applies.

User provided Internet connection required
Standard Residential Package Registration is required

CONNECTIVITY CELLULAR CONNECTION

Cellular connection available if Internet connection is not possible. Additional cellular connection fee applies.

FEATURES

- Cloud Based system
- Built-in IP Camera for Video Calling
- Broadcast Calling (up to four numbers simultaneously)
- 10 Residents, maximum of four (4) phone numbers per resident
- Entry codes can be set to either four (4) or five (5) digits
- Do Not Call schedule
- Hold Open schedule for each relay
- Entry Code schedule
- Relay (Door/Gate) Status: Closed - Open - Held Open
- Each relay (Entry Point) can be named
- Independent relay strike times
- Relay (Door/Gate) control: Close - Open - Hold Open

ELECTRICAL/MECHANICAL

- 16VAC, 20 VA transformer provided
- Three (3) Form C relays, 1A max
- Back Lighted Metal Keypad
- Back Lighted Metal Push to Call button
- Stainless Steel Faceplate
- Galvanized Steel sub plate

MISCELLANEOUS

- Environmental: 10°F to 145°F (-12°C to 62°C)
- Shipping weight approximately 15 lb (7 kg)

FCC (US) DUF6VT-12874-OT-T
DOC (CAN) 1736 4528 A

DoorKing[®], Inc.

Access Control Solutions since 1948



120 S. Glasgow Avenue,
Inglewood, California 90301 U.S.A.
Tel: 310-645-0023 FAX: 310-641-1586
www.doorking.com

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TYPES OF ACCESS DEVICES

Card Readers

Card readers are ideal for access control where you need to know the who when and where of each system user. DoorKing carries a full line of DKS, AWID and HID proximity card readers and cards. A variety of card types include keyfobs, tagged transmitters (ProxMitters), standard cards and ISO graphics cards. Active tags are also available for AVID systems.



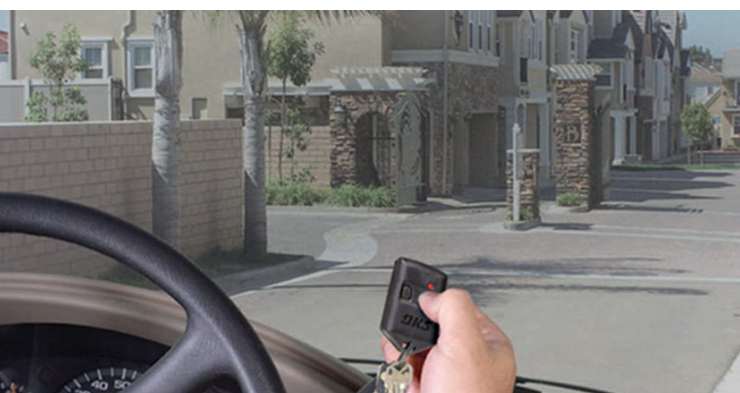
Keypads

Keypads are a simple method to control access without requiring credentials. Access codes can be easily changed for new and departing tenants or workers. DKS Keypads provide access control for virtually any application where digital code entry is desired. Keypads can also be ordered with a built-in intercom sub-station or as a keypad / card reader combination. These vandal resistant keypads use stainless steel faceplates, galvanized steel sub-plates and are housed in a rugged steel cabinet.



Key Switches

Key switches are the most basic access control where simple entry is needed, or where security guards control entry. Mortise cylinder key switches can be re-keyed by your locksmith to match other access keys. Ace cylinder key switches are used in applications where a higher degree of security is desired. Mortise cylinder key switches are also available with a built-in intercom sub-station.



RF Controls

RF Controls are the best solution for vehicular access gates, keeping the user in the safety and convenience of their vehicle. MicroPLUS® RF products provide the highest level of security available. There are over 268 million transmitter codes available, plus an encrypted sync code that changes each time the transmitter is used. Our coding and encryption schemes are not shared with other producers (such as automobile manufacturers), resulting in transmitter codes that cannot be duplicated or copied.

REGIONAL SALES MANAGER LOCATIONS

DOOR KING U.S.A.
 INDIANAPOLIS, IN
 SACRAMENTO, CA
 VINELAND, NJ
 PHOENIX, AZ
 NASHVILLE, TN
 ATLANTA, GA
 DALLAS, TX
 ORLANDO, FL
 CHARLOTTE, NC
 HOUSTON, TX
 SAN DIEGO, CA
 LEHIGH VALLEY, PA
 LOS ANGELES, CA



MADE IN USA

DOOR KING, INC.
 Access Control Solutions since 1948
 120 S. Glasgow Avenue, Inglewood, California 90301 U.S.A.
 Tel: 310-645-0023 FAX: 310-641-1586 www.doorking.com

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ACCESS CONTROL ACCESS DEVICES



ACCESS CONTROL ACCESS DEVICES



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MEMBER:



Apartment Complex/Gated Communities • College Residents Halls •
 Mixed Use Buildings Residential • Commercial/Industrial • Parking •
 Self Storage • Maximum Security

ACCESS CONTROL SOLUTIONS

Card Readers

Stand-alone, RS-485, Wiegand output and AVID readers



Keypads

Stand-alone, RS-485 and wiegand output



Key Switches

Mortise or Ace key cylinders



RF Controls

MicroPLUS & MicroCLIK



Exit Push Buttons

Request To Exit / Door Control



KEY FEATURES



Long Range Automated Vehicle ID

- Adjustable read range of 8- to 25-feet
- Includes reader control box
- Uses passive tags - no batteries to worry about.
- Uses frequency hopping technology in the UHF frequency band (902 - 928 MHz)



Wiegand Controller

- Store up to 1000 device codes
- 3600 event transaction buffer
- Timed anti-pass back (1-59 minutes)
- Four time zones
- Print menu
- Real-time print mode
- 26-bit wiegand format



Single Door Control

- Programming with hand-held remote or programming cards

KEY FEATURES



Intercom Models

- Combine into a common housing with an intercom substation that can be used with some existing intercom systems



Network Keypads

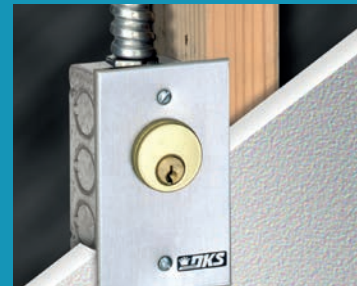
- For connection to an access controller
- Wiegand or RS-485 output



Lighted Keys

- Available for night time operation, as well as daytime visibility

KEY FEATURES



Indoor or Outdoor Use

- Can be mounted on an enclosure for outdoor applications.



Ace Key Cylinder

- The DKS 1210 uses an ACE key cylinder that can be turned ON for constant contact applications, such as holding an electronic gate system open.



Mounting Options

- Surface, flush, or post mount styles available.

KEY FEATURES



Safety

- Provides remote operation of vehicular access gates from the safety and convenience of a vehicle



Transmitter Options

- Available with 1, 2, 3 or 4* buttons to control multiple locations
- Range 50-75 ft.

*4 buttons only available for MicroPLUS® RF CONTROLS



PROXmitters™

- Same as the standard transmitter but also include a built-in proximity card.

KEY FEATURES



Door Jam Mount

- Model 1211-081 exit button can be mounted into the door jam



Piezoelectric Exit Switches

- Non-mechanical, just touch the switch button



No Touch Exit Switch

- No touching required. Just place your finger near the red button to exit.

SPECIFICATIONS

CARD READERS:

- Dry contact relay, wiegand or RS-485 output
- Full line proximity card readers and cards
- Mullion, wall and post mount models
- Read ranges from 2-inches up to 4-inches (50.8mm to 101mm)
- 2 color LED (red/green), Piezo beeper
- 100% weatherproof
- Reverse polarity protection
- AVID readers and tags with range up to 25 feet

KEYPADS:

- Dry contact relay, wiegand or RS-485 output
- Hold open code
- Back-lighted keypad
- Vandal resistant
- Steel cabinets and stainless steel faceplate
- Designed for outdoor or indoor use
- Available in Surface, flush, or post mount styles.
- 100% weatherproof

KEY SWITCHES:

- Mortise cylinder can be matched to existing keys and uses a momentary contact switch
- Ace key offers higher security and can latch the contact switch

RF CONTROLS:

- PROXmtr™ includes a built in proximity card with MicroPlus and MicroCLIK transmitters combining both RF and card access control into a single compact unit
- Dry contact relay, wiegand or RS-485 output
- MicroPLUS®**
 - Transmitter codes cannot be copied assuring only the original transmitters will activate the access control system
 - Over 286,000,000 transmitter codes plus an encrypted "sync" code that changes every time the transmitter is used
- MicroCLIK®**
 - Over 1,000,000 transmitter codes available
 - HomeLink® compatible

EXIT PUSH BUTTONS:

- Exit push buttons are typically used as "request to exit" devices in Access Control applications
- No Touch button (Model 1211-083) is a contactless alternative to standard push buttons.
- Piezoelectric Switches models 1211-090/091 have selectable illumination status (red, green)

		Max Codes	Facility Codes	Anti-Passback	Transactions Reporting	Time Zones	Hold Open	Output	Power	
Key Switch	Mortise Cylinder	N/A	N/A	N/A	N/A	N/A	No	Dry Contact Switch	N/A	
	Ace Cylinder	N/A	N/A	N/A	N/A	N/A	Yes	Dry Contact Switch	N/A	
Request to Exit Switch	Push Buttons	N/A	N/A	N/A	N/A	N/A	N/A	Dry Contact Switch	12 VDC	
	Piezoelectric Buttons	N/A	N/A	N/A	N/A	N/A	N/A	Dry Contact Switch	12-24 VDC	
Keypads	1506	1000 (4-Digit) / 6 (5-Digit)	N/A	No	No	Yes	Yes	Two (2) Dry Contact Relays	16 VAC	
	1515	400 (4-Digit or 5-Digit)	N/A	No	No	No	No	One (1) Dry Contact Relay	12-24 VAC/VDC	
	RS-485	Dependant on access controller							RS-485	16 VAC
	Wiegand	Dependant on access controller							26-Bit Wiegand	12-24 VAC/VDC
Card Readers	1520	1000	Yes	Yes	Yes	Yes	Yes	One (1) Dry Contact Relay	16 VAC	
	1524		No	No	No	No	No	One (1) Dry Contact Relay	12 VDC	
	RS-485	Dependant on access controller							RS-485	12-16 VAC/VDC
	Wiegand	Dependant on access controller							26-Bit Wiegand	12 VDC
MicroPlus RF Controls	8040 Stand-Alone	100	Yes	No	No	No	No	One (1) Dry Contact Relay	12-24 VAC/VDC	
	8054 Stand-Alone	1250	No	N/A	Yes	Yes	No	One (1) Dry Contact Relay		
	RS-485	5300	Yes	Dependant on access controller				RS-485		
	Wiegand	5300	Yes	Dependant on access controller				26, 30, or 31-Bit Wiegand		
	1-2-3-4 Button Transmitters	286 Million	N/A	N/A	N/A	N/A	N/A	Rolling Code	12 VDC	
MicroCLik RF Controls	8040 Stand-Alone	100	Yes	No	No	No	No	One (1) Dry Contact Relay	12-24 VAC/VDC	
	8057 Stand-Alone	16000	No	N/A	Yes	Yes	No	One (1) Dry Contact Relay		
	RS-485	5300	Yes	Dependant on access controller				RS-485		
	Wiegand	5300	Yes	Dependant on access controller				26, 30, or 31-Bit Wiegand		
	1-2-3 Button Transmitters	1 Million	N/A	N/A	N/A	N/A	N/A	Fixed Code	12 VDC	