



VEHICULAR AC & DC

SWING & SLIDE GATE OPERATORS



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



9024 AC/DC KEY FEATURES



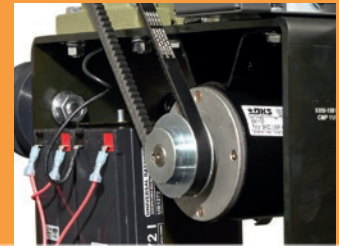
Manual Release

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

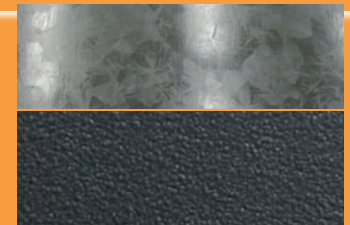
AC and DC power switch

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.

SLIDE & SWING GATE OPERATORS

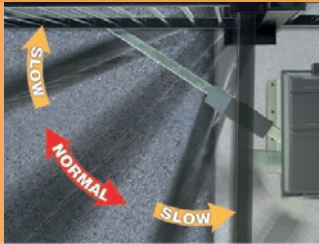
6524 Swing Gate

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

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



6524 AC/DC KEY FEATURES



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



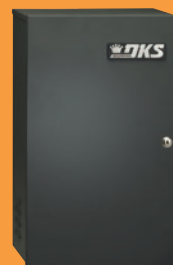
DC Motor and Battery Backup

For continued gate operation if AC power is lost



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.*

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)

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

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

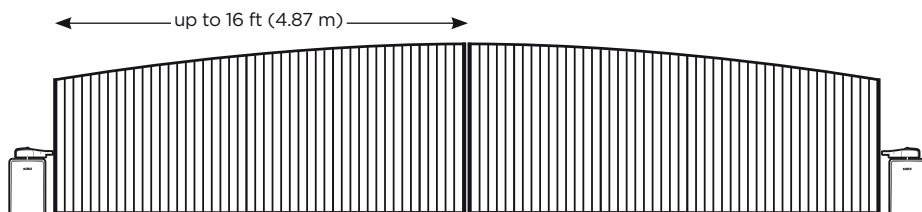
Mechanical

- Quiet operation and weather proof design
- 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

	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)

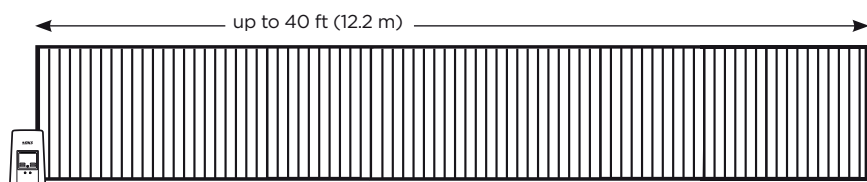
AC & DC POWERED GATE OPERATORS

A SYSTEM FOR 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.



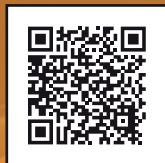
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6524



9024

DOORKING®, INC.

Access Control Solutions since 1948

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