

WIRELESS

ACCESS CONTROL

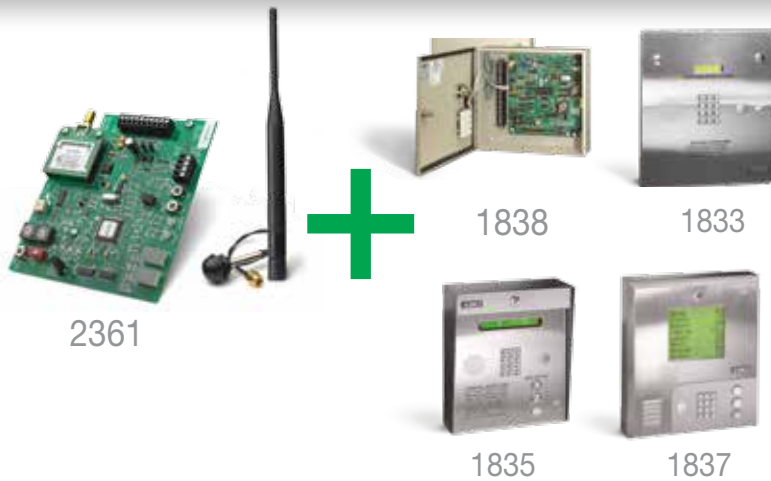
EXPANSION SYSTEMS



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

WIRELESS SYSTEMS

ACCESS CONTROL WIRELESS KITS



2361 Baseboard Kit

The 2361 baseboard kit provides wireless data communication from the DKS access controller (1833, 1835, 1837, 1838) to a remote access device (card reader, keypad, etc.) using a 2358 tracker expansion board equipped with the 1489 wireless kit.

1489 Expansion Board Kit

The 1489 expansion board kit provides wireless data communication from a remote access device (card reader, keypad, etc.) using a 2358 tracker expansion board to the DKS access controller (1833, 1835, 1837, 1838) equipped with the 2361 wireless kit.

2372 Repeater

The optional wireless repeater can be used to extend the range between the access controller and the remote access device.



Antennas

The 1489 and 2361 wireless kits include both a vandal resistant dome antenna and a longer range 6-inch antenna. The choice of antenna to use will be dependent on the specific application and the distance between the access controller and the remote access device.



NOTE: Due to the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (i.e., have errors) or be totally lost. Although significant delays or losses of data are rare when wireless devices are used in a normal manner with a well-constructed network, DoorKing wireless products should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. DoorKing, Inc. accepts no responsibility for damages of any kind resulting from

delays or errors in data transmitted or received using DoorKing wireless products, or for failure of DoorKing wireless products to transmit or receive such data. Do not operate DoorKing wireless products in areas where cellular modems are not advised without proper device certifications. These areas include environments where cellular radio can interfere such as explosive atmospheres, medical equipment, or any other equipment which may be susceptible to any form of radio interference. DoorKing wireless products can transmit signals that could interfere with this equipment.

See it in action



See our wireless system in action on YouTube doorking.com/wirelessvideos

WIRELESS OVERVIEW



VIDEO ON 2361 INSTALLATION



VIDEO ON 1489 INSTALLATION



WIRELESS ACCESS CONTROL

2361 Wireless Baseboard Kit



2361 Baseboard Kit plugs into the 1830 series controller main circuit board to provide the controller with a wireless wiegand connection.

1489 Wireless Tracker Expansion Board RF Kit



1489 Expansion Board Kit plugs into the 2358 circuit board (shown) to provide the Tracker Expansion Board with a wireless wiegand connection.

1. Compatibility

- Wireless kits provide an RF link between the access controller and card readers, keypads or almost any 26, 30 or 31-bit wiegand device.



2. Simple Programming

- Install the wireless kits in the access controller and remote access devices, power up the system and set the channel IDs. The system components will automatically link themselves!



Key Features

Key Features

- Simplifies expanding even older systems! Wireless Baseboard Kit can be installed on any DKS 1833, 1835, 1837 or 1838 access controller with an 1830 series circuit board – regardless of how old the system may be.
 - Add access control points without the need to run additional wiring. DKS tracker expansion boards and Wireless Expansion Board Kits are compatible with almost any 26, 30 or 31-bit* wiegand device.
 - Repeaters can extend the RF range.
 - Encrypted RF transmission.
 - 2.4 GHz spectrum.
 - 16 Channels, 16 Network IDs (256 unique settings) for secure communication.
 - Pairing feature for additional security.
 - Adjustable RF signal strength.
 - Signal loss meter.
 - Troubleshooting LEDs.
- * 30 and 31-bit wiegand devices are limited to 255 facility codes (or less), or choose "Ignore Facility Codes" when setting up the access controller in the DKS Remote Account Manager software.

HOW IT WORKS

Wireless kits are used with DKS access controllers and tracker expansion boards to add access control points (up to 24) wirelessly!

2372 Repeater



Repeater is used with the wireless system to provide for extended ranges.



3. Easy Installation

- Connect card readers, keypads and other devices to the access controller without the need for trenching, conduits and wire runs. This is a great time, labor and money saver!



4. Secure

- RF signals are encrypted to provide a secure data link between the access points and the access controller.



Accessories



Range Tester

The hand-held range tester is used on site to check RF signal strength at the different access point locations. This can help in the design of the RF wireless system and help to decide whether repeaters will need to be used.

Keypads

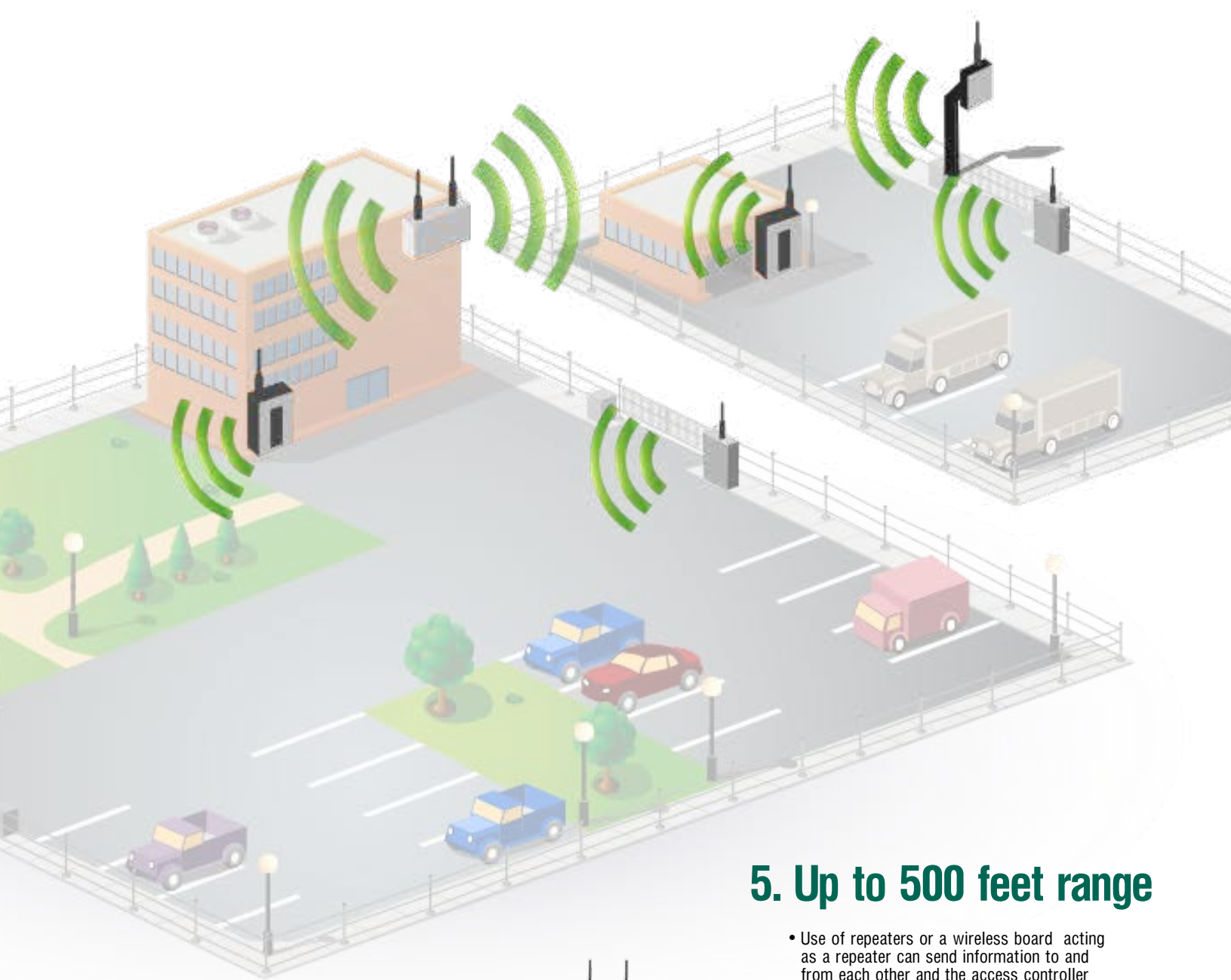
DKS Wiegand Keypads provide access control for virtually any application where digital code entry is desired.



Receivers and Transmitters

The DKS 8040 RF Receiver can be programmed to work with MicroPlus or MicroClik transmitters.





5. Up to 500 feet range

- Use of repeaters or a wireless board acting as a repeater can send information to and from each other and the access controller up to a 500 foot range



Card Readers

DoorKing carries a full line of DK Prox, AWID and HID Proximity card readers and cards.



Antenna Kits

The 1514 antenna kit provides a mounting bracket, 6-inch antenna and 13-feet of coax cable to remote mount the antenna.

